Appendix 6.12 AVERAGE CAPACITY OF PASSENGER VEHICLES — 1990

(Unit:Person)

Seq	Survey Station Code	Route No.	Ctl' Sect.	Dire-ction	PC	LB	MB	HB	PP	Total
1	101030	340	201	IN	5.2	12.3	14.1	60.0	12.1	17.1
				OUT	5.0	13.5	18.3	41.8	13.1	17.5
				BOTH	5.1	12.6	15.0	51.3	12.6	17.3
2	101071	303	100	IN	4.9	11.2	23.7	60.2	10.5	37.1
				OUT	4.9	12.4	18.6	53.2	5.1	20.8
				BOTH	4.9	12.3	19.8	57.6	7.4	28.8
3	101072	3	200	IN	5.0	13.2	20.4	44.4	11.3	13.2
				OUT	5.0	14.3	26.3	42.0	11.9	15.1
				BOTH	5.0	13.7	23.5	43.2	11.6	14.1
4	103020	304	202	IN	5.0	12.8	17.5	75.6	12.9	15.1
				OUT	4.6	12.3	30.0	72.6	11.9	14.2
				BOTH	4.8	12.6	25.0	74.1	12.3	14.6
5	105071	4	100	IN	5.0	12.9	18.3	70.0	10.9	28.3
				OUT	5.0	13.2	19.4	68.3	11.9	23.7
				BOTH	5.0	13.1	18.9	69.2	11.5	25.8
6	105072	35	100	IN	5.1	13.6	22.7	51.9	12.2	17.5
				OUT	5.0	11.5	13.8	61.5	12.1	16.2
				BOTH	5.1	13.4	18.1	55.0	12.1	17.0
8	1022111	1	900	IN	5.0	15.6	14.0	59.5	12.7	18.8
				OUT	5.0	12.0	27.5	59.9	12.0	15.7
				BOTH	5.0	12.6	23.0	59.7	12.3	17.0
9	1022112	1	1101	IN	5.1	12.1	30.0	58.4	12.9	14.8
				OUT	5.0	12.2	25.6	56.8	12.8	17.7
				BOTH	5.1	12.2	26.3	57.5	12.9	16.1
10	1025060	340	600	IN	5.0	12.5	20.0	59.4	12.4	12.0
				OUT	5.1	12.5	20.0	59.7	14.1	13.2
				BOTH	5.1	12.5	20.0	59.6	13.5	12.8
11	1031040	346	300	IN	5.0	13.6	15.0	76.5	12.1	15.3
				OUT	5.0	12.9	14.0	71.4	13.0	14.9
				BOTH	5.0	13.4	14.3	74.0	12.5	15.1
14	1043050	305	102	IN	4.6	12.0	25.0	58.0	11.3	11.4
				OUT	4.5	11.8	28.1	56.5	10.5	11.2
				BOTH	4.5	12.0	26.6	57.1	10.9	11.3
15	1051080	311	100	IN	5.0	12.4	20.0	57.0	14.4	15.6
				OUT	5.0	12.4	20.0	50.4	11.9	13.5
				BOTH	5.0	12.4	20.0	54.0	13.1	14.6
16	1051101	309	302	IN	5.0	12.1	20.0	43.6	13.5	13.6
				OUT	5.0	13.0	18.0	44.8	12.4	13.4
				BOTH	5.0	12.5	19.2	44.3	12.8	13.5
17	1051102	32	500	IN	5.0	12.9	19.8	37.7	11.9	16.4
				OUT	5.1	12.0	17.2	59.1	11.4	17.3
				BOTH	5.1	12.6	18.3	45.0	11.7	16.8
18	1052110	11	101	IN	5.0	11.7	22.0	80.0	12.0	14.3
				OUT	5.0	12.0	22.0	58.4	12.0	13.8
				BOTH	5.0	11.8	22.0	68.0	12.0	14.1
19	1061081	1	500	IN	5.0	12.3	12.5	59.7	11.9	15.2
				OUT	5.0	12.3	10.0	38.4	12.1	13.7
				BOTH	5.0	12.3	11.7	46.0	12.0	14.3
20	1061082	21	200	IN	5.1	12.9	20.0	50.0	12.7	13.0
				OUT	5.0	14.7	20.0	59.9	14.1	14.4
				BOTH	5.1	14.1	20.0	55.2	13.3	13.7

(Unit:Person)

Seq	Survey Station Code	Route No.	Ctl' Sect.	Dire-ction	PC	LB	MB	HB	PP	Total
21	1061090	1	301	IN	4.2	12.9	23.0	50.8	9.0	43.1
				OUT	4.8	13.0	18.8	51.1	11.9	41.9
				BOTH	4.5	13.0	21.1	51.0	10.7	42.4
22	1063050	33	101	IN	5.0	11.7	29.1	55.9	11.3	18.6
				OUT	4.9	13.5	20.0	50.8	13.0	23.3
				BOTH	5.0	12.8	28.3	52.9	12.0	20.7
23	1064060	2	101	IN	5.0	12.0	10.9	60.1	12.0	18.2
				OUT	5.0	12.6	18.5	60.0	13.0	21.0
				BOTH	5.0	12.3	12.8	60.0	12.4	19.6
24	1073021	34	100	IN	5.0	13.9	23.3	40.5	13.6	19.0
				OUT	5.0	13.9	20.3	60.1	13.6	20.4
				BOTH	5.0	13.9	21.4	50.1	13.6	19.8
25	1073022	3	301	IN	5.0	20.0	28.6	55.4	14.5	20.5
				OUT	5.0	13.3	30.0	56.0	12.0	18.3
				BOTH	5.0	14.7	29.2	55.6	13.4	19.5
26	1082090	21	501	IN	5.0	12.0	18.2	60.0	12.0	16.0
				OUT	5.0	12.8	16.8	60.0	12.2	17.1
				BOTH	5.0	12.4	17.8	60.0	12.1	16.5
27	1082110	1	700	IN	5.1	12.0	15.0	64.8	12.9	17.8
				OUT	5.0	0.0	60.0	60.0	14.6	20.4
				BOTH	5.1	12.0	55.7	62.6	13.7	19.1
28	1084030	205	501	IN	5.0	15.0	20.0	52.5	13.3	18.1
				OUT	5.2	12.0	20.0	52.8	12.5	17.4
				BOTH	5.1	13.5	20.0	52.6	12.9	17.8
29	2012040	1	1600	IN	5.0	12.2	23.6	54.1	10.4	12.4
				OUT	5.2	12.1	24.8	55.3	11.9	15.3
				BOTH	5.1	12.2	24.2	54.8	11.3	13.9
30	2012070	115	200	IN	5.1	14.3	40.0	51.0	14.3	14.9
				OUT	5.0	15.0	40.0	61.1	13.8	15.7
				BOTH	5.0	14.4	40.0	55.6	14.0	15.3
31	2012110	1	1301	IN	5.0	16.6	27.5	59.3	14.4	18.7
				OUT	5.0	15.0	20.0	58.5	12.3	14.1
				BOTH	5.0	16.4	26.0	59.0	13.3	16.4
32	2012150	101	301	IN	5.0	12.3	20.0	49.1	12.4	15.1
				OUT	4.9	12.0	20.0	62.9	13.1	17.1
				BOTH	4.9	12.2	20.0	56.2	12.8	16.1
33	2022030	1019	200	IN	5.4	15.1	0.0	56.0	14.0	13.6
				OUT	5.4	16.1	25.0	58.5	14.4	13.5
				BOTH	5.4	15.6	25.0	57.2	14.2	13.6
34	2022060	1	2903	IN	5.0	12.8	10.0	59.1	12.0	13.9
				OUT	5.1	12.6	40.0	59.8	12.0	18.2
				BOTH	5.0	12.7	25.0	59.6	12.0	15.9
35	2032120	106	602	IN	5.0	25.2	50.0	60.0	11.9	17.6
				OUT	5.0	26.3	50.0	60.0	12.2	19.3
				BOTH	5.0	25.8	50.0	60.0	12.1	18.5
36	2032140	108	500	IN	5.0	13.8	18.7	57.5	13.9	14.6
				OUT	5.1	15.6	0.0	55.0	13.9	13.5
				BOTH	5.0	15.2	18.7	56.3	13.9	14.0
37	2042130	1	1901	IN	5.1	15.0	40.0	58.5	14.0	14.3
				OUT	5.3	14.6	26.0	59.0	14.7	13.9
				BOTH	5.2	14.8	30.0	58.8	14.4	14.1

Appendix 6.12 AVERAGE CAPACITY OF PASSENGER VEHICLES — 1990

(Unit:Person)

Seq	Survey Station Code	Route No.	Ctl' Sect.	Direction	PC	LB	MB	HB	PP	Total
38	2052100	101	1100	IN	5.0	12.0	12.0	60.0	12.0	16.2
				OUT	5.0	12.0	60.0	60.0	12.0	16.0
				BOTH	5.0	12.0	40.8	60.0	12.0	16.1
39	2062130	1	2603	IN	5.2	11.9	20.0	56.6	14.1	14.3
				OUT	5.1	15.1	0.0	55.5	14.0	18.3
				BOTH	5.1	13.8	20.0	55.8	14.1	16.4
40	2072081	117	400	IN	5.0	12.0	10.0	60.3	12.0	14.6
				OUT	5.0	12.0	10.0	60.3	12.0	14.3
				BOTH	5.0	12.0	10.0	60.3	12.0	14.5
41	2072082	11	502	IN	5.3	19.2	25.0	50.6	13.6	15.5
				OUT	5.3	15.0	20.0	60.0	14.5	15.0
				BOTH	5.3	18.0	23.3	54.6	14.1	15.3
42	2072090	113	202	IN	5.0	12.0	17.0	60.0	12.0	15.4
				OUT	5.0	12.0	60.0	60.0	12.0	14.2
				BOTH	5.0	12.0	38.5	60.0	12.0	14.8
43	2072111	117	200	IN	5.0	11.1	20.0	59.5	12.1	16.4
				OUT	5.1	15.6	28.5	58.8	12.0	13.6
				BOTH	5.0	12.7	27.3	59.2	12.1	15.0
44	2072112	11	201	IN	5.0	20.0	16.5	56.3	14.4	16.8
				OUT	5.1	12.0	20.0	63.2	13.8	14.6
				BOTH	5.1	16.0	19.3	59.3	14.1	15.6
45	2082150	12	400	IN	5.0	12.0	60.0	60.0	12.0	16.6
				OUT	5.1	12.0	60.0	60.0	12.0	18.0
				BOTH	5.0	12.0	60.0	60.0	12.0	17.3
46	2082170	11	700	IN	5.0	15.0	40.0	59.1	14.2	16.7
				OUT	5.1	13.2	20.0	49.5	12.5	11.7
				BOTH	5.1	13.8	30.0	56.0	13.3	14.3
47	2094020	12	1000	IN	5.1	15.0	30.0	76.5	15.0	20.3
				OUT	5.3	15.0	26.7	80.0	15.0	22.2
				BOTH	5.2	15.0	28.8	78.4	15.0	21.2
48	2094030	225	600	IN	5.0	12.0	17.0	80.0	12.0	15.2
				OUT	5.0	12.0	20.8	60.0	12.0	18.1
				BOTH	5.0	12.0	20.2	64.4	12.0	17.0
49	2094120	203	202	IN	5.0	14.1	30.0	57.6	12.1	18.9
				OUT	5.0	15.7	27.3	51.6	13.2	18.8
				BOTH	5.0	15.1	28.4	54.4	12.7	18.9
50	2102131	103	100	IN	5.1	12.0	22.0	60.3	12.0	14.2
				OUT	5.0	12.3	22.0	60.8	12.0	14.1
				BOTH	5.0	12.1	22.0	60.5	12.0	14.1
51	2102132	11	1200	IN	5.2	14.4	25.0	58.4	13.6	11.8
				OUT	5.2	15.0	20.0	59.1	14.1	12.6
				BOTH	5.2	14.6	22.5	58.8	13.9	12.2
52	2102150	101	700	IN	5.3	15.4	22.9	60.0	14.1	13.3
				OUT	5.1	17.8	21.8	60.0	13.2	13.9
				BOTH	5.2	16.7	22.4	60.0	13.7	13.6
53	2122130	11	1300	IN	5.0	12.0	30.0	60.0	12.0	15.2
				OUT	5.0	19.9	10.0	55.9	12.5	16.3
				BOTH	5.0	16.3	27.1	58.1	12.3	15.7
54	2152170	102	100	IN	5.0	12.0	41.4	59.2	12.0	16.9
				OUT	5.1	12.0	34.0	60.0	12.0	14.4
				BOTH	5.0	12.0	38.3	59.5	12.0	15.7

(Unit:Person)

Seq	Survey Station Code	Route No.	Ctl' Sect.	Direction	PC	LB	MB	HB	PP	Total
55	3013040	3	1300	IN	7.0	14.0	40.0	57.0	3.0	6.0
				OUT	6.9	13.6	15.0	57.6	3.1	7.0
				BOTH	6.9	13.8	21.3	57.4	3.0	6.5
56	3013060	317	302	IN	7.0	14.0	24.6	60.0	11.9	18.9
				OUT	7.0	14.1	24.7	60.0	8.7	15.3
				BOTH	7.0	14.1	24.7	60.0	10.3	17.1
58	3023031	3	402	IN	5.0	13.5	42.0	44.3	12.8	40.1
				OUT	4.9	13.7	22.0	45.6	14.4	27.9
				BOTH	4.9	13.7	40.3	45.1	14.0	31.9
59	3023032	315	200	IN	5.0	13.5	23.6	58.6	13.4	13.9
				OUT	5.0	12.5	20.0	58.9	13.4	13.8
				BOTH	5.0	13.1	22.6	58.7	13.4	13.8
60	3023033	331	400	IN	5.0	13.7	30.0	69.8	12.0	13.0
				OUT	5.0	13.4	22.5	74.3	13.0	14.7
				BOTH	5.0	13.6	26.3	72.2	12.4	13.8
61	3023061	319	200	IN	5.1	14.3	21.5	61.1	13.0	12.3
				OUT	5.0	12.8	20.0	41.9	11.7	11.2
				BOTH	5.1	13.7	21.3	50.6	12.4	11.7
62	3023062	304	400	IN	5.0	12.6	19.4	60.0	13.5	13.8
				OUT	5.1	12.8	20.0	59.8	13.6	13.9
				BOTH	5.0	12.7	19.5	59.9	13.5	13.9
63	3033071	3	800	IN	6.9	14.0	22.5	56.5	3.0	9.8
				OUT	7.0	14.0	20.0	58.3	11.9	15.2
				BOTH	6.9	14.0	21.7	57.4	7.1	12.2
64	3033072	36	200	IN	7.0	13.9	17.0	47.5	3.0	7.2
				OUT	6.9	14.0	10.0	49.1	3.0	7.3
				BOTH	7.0	13.9	13.5	48.3	3.0	7.2
65	3033073	344	300	IN	7.0	14.1	24.9	49.3	3.0	8.6
				OUT	6.9	13.9	26.8	45.9	3.0	8.3
				BOTH	7.0	14.1	25.8	47.6	3.0	8.5
67	3064060	304	700	IN	6.8	13.6	23.5	60.0	3.1	10.4
				OUT	7.0	13.8	21.8	59.0	3.0	11.4
				BOTH	6.9	13.7	22.5	59.5	3.1	10.8
68	4014090	213	102	IN	5.0	15.9	30.0	51.6	12.5	22.9
				OUT	5.0	14.5	26.7	53.2	13.2	23.6
				BOTH	5.0	15.2	27.5	52.4	12.8	23.2
69	4014110	214	200	IN	5.1	14.2	23.4	59.9	14.9	19.8
				OUT	5.0	14.5	45.0	68.0	11.9	22.5
				BOTH	5.1	14.3	35.6	63.4	14.2	20.9
70	4014130	213	303	IN	5.0	12.0	32.2	80.0	13.9	20.4
				OUT	5.0	15.0	30.0	75.0	14.6	20.1
				BOTH	5.0	14.5	30.4	77.2	14.4	20.3
71	4024030	201	702	IN	5.0	13.5	25.5	71.5	15.0	22.3
				OUT	5.2	15.0	27.6	75.0	15.0	20.6
				BOTH	5.1	14.0	26.7	72.6	15.0	21.7
72	4024060	2	702	IN	5.1	11.7	17.5	72.3	13.3	31.0
				OUT	5.0	13.0	30.0	78.4	14.2	27.4
				BOTH	5.0	12.6	21.7	74.9	13.7	29.3
73	4024091	208	102	IN	5.0	15.4	24.4	54.3	12.5	31.8
				OUT	4.9	15.7	25.8	53.4	12.0	29.7
				BOTH	4.9	15.6	25.0	53.8	12.1	30.7

Appendix 6.12 AVERAGE CAPACITY OF PASSENGER VEHICLES — 1990

(Unit:Person)

Seq	Survey Station Code	Route No.	Ctl' Sect.	Dire-ction	PC	LB	MB	HB	PP	Total
74	4024092	23	103	IN	5.0	14.5	29.5	70.7	14.6	27.0
				OUT	5.2	16.0	29.0	71.4	14.7	24.4
				BOTH	5.1	14.7	29.3	71.1	14.6	25.6
75	4024120	201	800	IN	5.1	15.0	30.0	73.2	15.0	23.5
				OUT	5.1	15.0	17.9	75.5	15.0	23.3
				BOTH	5.1	15.0	19.4	74.4	15.0	23.4
76	4024160	2	1100	IN	5.0	13.8	20.0	53.8	12.4	24.1
				OUT	5.0	14.3	27.6	55.1	11.5	21.2
				BOTH	5.0	14.1	26.8	54.4	11.9	22.6
77	4034061	205	702	IN	5.0	12.0	30.0	60.0	12.7	25.4
				OUT	5.1	12.0	60.0	60.4	14.7	21.7
				BOTH	5.0	12.0	51.4	60.2	14.4	23.1
78	4034062	202	301	IN	4.8	12.0	27.5	60.0	14.4	19.3
				OUT	4.6	12.0	27.0	60.0	12.7	21.2
				BOTH	4.7	12.0	27.2	60.0	13.7	20.2
79	4044080	212	1302	IN	5.0	14.4	30.0	52.4	10.7	21.9
				OUT	5.0	13.7	27.5	52.8	11.7	21.5
				BOTH	5.0	14.0	29.0	52.6	11.1	21.7
80	4044130	22	502	IN	5.0	13.6	22.8	50.1	11.4	20.2
				OUT	5.0	14.4	30.0	52.8	11.5	19.4
				BOTH	5.0	14.0	26.4	51.3	11.5	19.8
81	4054160	2	1303	IN	5.0	13.6	18.5	53.8	12.0	16.1
				OUT	5.0	14.1	30.0	51.4	12.9	16.1
				BOTH	5.0	13.9	25.4	52.5	12.5	16.1
82	4064071	24	300	IN	4.7	13.1	10.0	57.8	12.2	18.8
				OUT	5.0	14.0	30.0	57.7	14.6	20.1
				BOTH	4.9	13.5	20.0	57.7	13.5	19.5
83	4064072	226	400	IN	6.3	12.1	15.0	50.1	13.0	14.2
				OUT	5.0	13.1	22.5	51.9	11.7	12.2
				BOTH	5.5	12.6	20.0	50.9	12.7	13.1
84	4074141	226	600	IN	4.6	14.2	17.8	38.3	9.6	10.3
				OUT	5.0	14.1	15.0	36.6	13.5	13.2
				BOTH	4.8	14.2	17.4	37.3	11.4	11.6
85	4074142	219	400	IN	5.1	15.0	30.0	77.0	15.0	36.9
				OUT	5.2	15.0	17.5	75.0	13.8	32.9
				BOTH	5.2	15.0	21.7	76.0	14.2	34.8
86	4084100	212	1400	IN	5.0	15.9	36.7	54.1	11.5	24.4
				OUT	4.5	12.4	32.0	53.7	11.7	22.4
				BOTH	4.8	14.2	34.3	53.9	11.6	23.5
87	4094111	23	303	IN	5.1	10.0	23.3	76.2	15.0	31.8
				OUT	5.0	12.0	20.0	78.7	14.7	28.1
				BOTH	5.0	11.5	22.5	77.2	14.9	30.1
88	4094112	202	700	IN	5.4	13.8	27.9	71.7	15.0	23.2
				OUT	5.1	12.9	21.7	76.0	14.5	31.6
				BOTH	5.3	13.2	24.3	74.4	14.8	27.4
89	4104110	23	501	IN	5.0	12.0	24.3	67.1	13.4	19.9
				OUT	5.0	15.0	23.3	69.0	15.0	20.9
				BOTH	5.0	13.5	24.1	68.1	14.1	20.4
90	4104170	23	600	IN	4.9	12.4	30.0	49.9	12.0	20.0
				OUT	4.9	14.3	30.0	52.9	11.4	21.8
				BOTH	4.9	13.4	30.0	51.3	11.7	20.8

(Unit:Person)

Seq	Survey Station Code	Route No.	Ctl' Sect.	Dire-ction	PC	LB	MB	HB	PP	Total
91	4114140	214	500	IN	5.0	15.0	23.8	80.0	13.8	21.5
				OUT	5.1	15.0	73.3	80.0	14.5	24.1
				BOTH	5.0	15.0	45.0	80.0	14.1	22.7
92	4124160	210	302	IN	5.0	13.9	22.3	56.3	11.2	24.7
				OUT	5.0	13.9	23.6	56.3	12.1	23.4
				BOTH	5.0	13.9	23.2	56.3	11.7	24.0
93	4134160	22	301	IN	5.0	12.0	30.0	77.4	14.4	26.3
				OUT	5.2	15.0	65.0	80.0	14.5	26.9
				BOTH	5.1	13.5	60.6	78.7	14.4	26.6
94	4144150	226	800	IN	5.0	12.8	21.7	48.8	12.2	16.1
				OUT	4.8	15.3	20.7	49.9	9.5	15.2
				BOTH	4.9	14.1	21.4	49.4	10.6	15.6
95	4154170	226	1200	IN	5.0	13.7	23.5	46.1	11.1	13.7
				OUT	5.0	13.8	27.0	47.8	11.9	14.4
				BOTH	5.0	13.8	25.3	47.0	11.5	14.0
96	5015050	323	103	IN	4.9	13.8	23.5	77.5	12.9	18.0
				OUT	4.8	13.0	20.9	69.9	12.1	15.5
				BOTH	4.9	13.2	22.3	73.7	12.4	16.7
97	5015060	324	202	IN	4.8	10.0	25.0	56.9	13.2	15.9
				OUT	4.7	15.0	20.0	27.4	12.4	12.5
				BOTH	4.8	13.3	21.0	43.0	12.8	14.3
98	5025050	4	302	IN	4.9	10.0	27.5	78.3	12.2	44.0
				OUT	4.7	10.0	18.3	58.0	12.8	40.6
				BOTH	4.8	10.0	22.0	65.5	12.5	42.1
99	5025060	321	202	IN	4.9	10.7	23.9	55.2	11.8	16.1
				OUT	5.0	14.1	25.0	53.7	13.3	19.9
				BOTH	5.0	11.9	24.2	54.3	12.7	18.1
100	5035040	4	800	IN	5.1	12.4	21.1	50.0	14.5	15.6
				OUT	5.0	13.1	22.5	48.6	14.9	18.2
				BOTH	5.0	12.5	21.4	49.3	14.7	16.7
101	5036020	4	1400	IN	5.1	12.6	20.0	60.8	12.1	14.1
				OUT	4.9	13.7	20.0	63.2	11.4	13.2
				BOTH	5.0	13.2	20.0	62.0	11.7	13.6
103	5055081	35	300	IN	5.0	13.8	16.0	55.8	13.0	24.1
				OUT	4.9	12.4	16.0	55.4	13.1	23.4
				BOTH	5.0	12.7	16.0	55.5	13.0	23.7
104	5055082	325	200	IN	5.0	14.1	19.6	58.4	15.0	17.4
				OUT	4.6	13.3	22.9	27.0	11.5	11.5
				BOTH	4.8	13.7	20.8	45.7	13.2	14.6
105	5075080	35	201	IN	4.8	14.1	25.0	30.0	12.9	13.2
				OUT	5.0	14.7	17.7	55.3	15.0	16.7
				BOTH	4.9	14.5	20.0	42.3	13.7	15.0
106	6016030	4	3500	IN	5.2	12.9	25.0	56.0	11.1	13.0
				OUT	5.5	13.5	15.0	60.0	10.3	11.3
				BOTH	5.4	13.4	21.7	57.4	10.7	12.2
107	6016070	4	3200	IN	5.1	14.4	20.0	85.0	12.6	13.2
				OUT	5.1	13.7	25.3	63.4	13.0	14.4
				BOTH	5.1	13.9	24.6	69.9	12.8	13.9
108	6016140	4035	200	IN	5.2	14.1	18.3	48.7	12.6	13.6
				OUT	5.0	15.0	25.5	56.3	14.3	15.2
				BOTH	5.1	14.5	23.5	53.0	13.3	14.4

Appendix 6.12   AVERAGE CAPACITY OF PASSENGER VEHICLES — 1990

(Unit:Person)

Seq	Survey Station Code	Route No.	Ctl' Sect.	Dire-ction	PC	LB	MB	HB	PP	Total
109	6026100	4	1800	IN	5.2	12.9	27.0	79.7	13.1	14.1
				OUT	5.0	13.6	14.4	61.2	12.9	13.5
				BOTH	5.1	13.1	18.9	70.4	13.0	13.8
110	6026140	41	300	IN	5.0	14.4	18.8	49.2	14.7	11.6
				OUT	5.0	14.5	20.0	51.6	14.5	11.1
				BOTH	5.0	14.5	19.4	50.3	14.6	11.4
111	6036040	403	302	IN	5.0	14.8	20.0	51.9	14.7	10.4
				OUT	5.1	14.6	29.2	50.2	14.9	13.0
				BOTH	5.1	14.8	26.1	51.1	14.9	11.5
112	6036060	4	3800	IN	5.3	13.3	30.0	59.4	12.7	12.5
				OUT	5.4	12.7	56.3	60.0	11.8	11.6
				BOTH	5.4	12.9	51.0	59.7	12.4	12.1
113	6046060	41	1100	IN	5.2	15.0	20.0	46.9	14.8	13.1
				OUT	5.1	15.0	20.0	50.5	15.0	12.2
				BOTH	5.1	15.0	20.0	48.7	14.9	12.7
114	6046120	408	302	IN	5.2	14.9	0.0	51.4	14.9	13.5
				OUT	5.1	14.5	40.0	53.6	14.8	13.9
				BOTH	5.2	14.7	40.0	52.6	14.9	13.7
115	6046141	41	800	IN	5.1	12.8	0.0	60.0	12.2	10.9
				OUT	5.0	13.5	40.0	60.0	12.9	11.8
				BOTH	5.1	13.0	40.0	60.0	12.6	11.4
116	6046142	401	801	IN	5.2	14.8	12.0	58.1	12.0	12.6
				OUT	5.2	14.7	22.5	59.8	12.7	13.9
				BOTH	5.2	14.7	19.0	59.0	12.4	13.3
117	6056080	42	701	IN	5.1	14.8	40.0	52.7	14.3	12.9
				OUT	5.1	13.5	25.0	42.0	14.7	13.0
				BOTH	5.1	14.1	37.0	46.8	14.7	12.9
118	6066120	4	4100	IN	5.0	13.7	25.0	48.9	15.0	12.1
				OUT	5.2	14.5	17.0	60.4	12.6	12.3
				BOTH	5.1	14.2	19.3	54.2	13.2	12.2
119	6076100	4	2300	IN	5.1	14.6	0.0	58.5	12.1	14.4
				OUT	5.2	14.5	20.0	61.2	12.0	15.9
				BOTH	5.1	14.5	20.0	60.1	12.1	15.4
120	6076110	402	101	IN	5.0	14.8	20.8	53.7	14.4	15.5
				OUT	5.1	14.3	21.0	52.1	14.9	15.3
				BOTH	5.1	14.6	20.9	52.8	14.6	15.4
121	6086090	410	102	IN	5.3	13.9	19.2	60.0	11.4	14.5
				OUT	5.1	14.6	15.8	60.0	12.9	16.1
				BOTH	5.2	14.1	17.5	60.0	12.3	15.3
122	6086120	4086	300	IN	5.1	14.8	25.0	52.9	14.9	10.5
				OUT	5.3	15.0	15.0	53.0	14.3	7.9
				BOTH	5.2	14.9	21.7	52.9	14.8	9.4
123	6126130	406	200	IN	5.1	13.9	15.0	60.0	13.0	13.4
				OUT	5.4	13.8	20.0	60.0	11.4	12.1
				BOTH	5.3	13.8	16.7	60.0	12.2	12.8

Appendix 6.13 AVERAGE OCCUPANCY OF PASSENGER VEHICLES — 1990

(Unit:Person)

Seq	Survey Station Code	Route No.	Ctl' Sect.	Direction	PC	LB	MB	HB	PP	Total
1	101030	340	201	IN	2.5	6.5	3.4	49.2	4.4	11.5
				OUT	1.8	6.5	16.7	27.0	3.3	8.8
				BOTH	2.3	6.5	6.2	38.5	3.8	10.4
2	101071	303	100	IN	1.7	7.8	20.2	29.5	2.3	17.7
				OUT	1.9	3.6	7.7	35.5	2.3	12.9
				BOTH	1.8	4.0	10.6	31.8	2.3	15.2
3	101072	3	200	IN	1.8	3.7	8.6	27.9	2.6	6.2
				OUT	2.0	5.4	13.6	24.7	2.7	6.9
				BOTH	1.9	4.5	11.2	26.2	2.7	6.5
4	103020	304	202	IN	2.3	4.5	4.0	34.3	3.2	5.6
				OUT	2.2	4.3	14.7	20.4	3.0	4.2
				BOTH	2.2	4.4	10.4	27.1	3.1	4.9
5	105071	4	100	IN	2.0	3.5	9.3	47.5	2.3	17.2
				OUT	1.9	3.1	4.0	30.1	2.3	9.5
				BOTH	1.9	3.3	6.3	39.1	2.3	13.0
6	105072	35	100	IN	2.8	6.5	14.2	49.9	3.3	13.0
				OUT	2.7	2.0	8.1	54.3	3.2	10.3
				BOTH	2.7	6.1	11.0	51.3	3.3	11.9
8	1022111	1	900	IN	2.6	3.6	6.0	49.2	3.2	10.7
				OUT	2.5	3.5	26.3	48.0	2.6	7.5
				BOTH	2.5	3.5	19.5	48.6	2.9	8.9
9	1022112	1	1101	IN	3.1	8.8	20.0	40.1	3.8	7.9
				OUT	2.8	3.9	20.6	26.7	3.7	7.5
				BOTH	3.0	6.1	20.5	32.6	3.8	7.7
10	1025060	340	600	IN	2.9	6.5	4.0	42.8	3.4	5.2
				OUT	2.8	10.2	12.7	28.1	3.6	4.7
				BOTH	2.9	9.3	10.5	33.4	3.6	4.9
11	1031040	346	300	IN	2.3	3.4	6.0	20.5	3.0	4.2
				OUT	2.4	3.4	10.3	18.1	2.6	3.8
				BOTH	2.3	3.4	9.3	19.3	2.8	4.0
14	1043050	305	102	IN	2.7	4.8	8.3	20.8	3.9	4.5
				OUT	2.2	7.0	16.7	27.2	3.4	4.8
				BOTH	2.5	5.2	12.9	24.5	3.7	4.6
15	1051080	311	100	IN	2.8	4.5	20.0	30.1	5.6	7.2
				OUT	2.2	2.2	14.0	24.9	2.6	4.7
				BOTH	2.5	4.1	17.0	27.7	4.0	6.0
16	1051101	309	302	IN	2.4	6.4	20.1	17.0	2.8	4.9
				OUT	2.6	5.5	5.6	20.6	2.9	4.9
				BOTH	2.5	6.1	14.1	19.0	2.9	4.9
17	1051102	32	500	IN	2.8	4.8	9.5	38.4	3.6	12.2
				OUT	3.1	4.2	4.8	51.0	3.6	11.6
				BOTH	3.0	4.6	6.9	42.6	3.6	12.0
18	1052110	11	101	IN	2.5	2.9	20.0	69.0	2.7	6.7
				OUT	3.2	5.0	18.0	53.7	4.4	8.2
				BOTH	2.9	3.5	19.0	60.5	3.5	7.4
19	1061081	1	500	IN	2.3	3.4	1.5	50.5	2.8	8.5
				OUT	2.2	3.4	2.0	40.1	2.8	8.3
				BOTH	2.2	3.4	1.7	43.8	2.8	8.4
20	1061082	21	200	IN	2.9	5.1	10.5	41.1	3.0	6.1
				OUT	2.9	4.6	12.0	43.8	4.0	7.1
				BOTH	2.9	4.7	11.5	42.5	3.5	6.6
21	1061090	1	301	IN	2.4	7.7	19.0	50.5	3.8	42.7
				OUT	3.4	5.0	12.5	50.8	4.3	41.3
				BOTH	2.9	6.0	17.1	50.7	4.1	42.0
22	1063050	33	101	IN	2.5	6.8	22.1	47.1	3.1	12.3
				OUT	2.2	3.2	15.5	31.2	3.0	12.0
				BOTH	2.3	4.6	21.5	37.6	3.1	12.2
23	1064060	2	101	IN	2.6	4.0	2.9	48.8	3.1	10.9
				OUT	3.1	4.4	15.5	58.9	5.5	17.1
				BOTH	2.9	4.2	6.1	54.5	4.1	13.9
24	1073021	34	100	IN	2.8	5.4	10.8	41.6	4.0	15.4
				OUT	2.5	4.7	5.6	44.7	3.6	12.5
				BOTH	2.6	5.1	7.7	43.1	3.8	13.7
25	1073022	3	301	IN	2.2	9.0	20.5	44.1	3.1	11.8
				OUT	2.1	5.0	15.0	33.9	2.9	8.5
				BOTH	2.1	5.9	18.0	40.0	3.0	10.3
26	1082090	21	501	IN	2.8	4.1	8.4	50.7	3.5	9.0
				OUT	2.7	4.3	1.8	48.5	3.2	9.0
				BOTH	2.7	4.2	6.4	49.6	3.4	9.0
27	1082110	1	700	IN	3.1	5.3	2.5	35.8	3.2	7.3
				OUT	3.1	0.0	20.5	22.1	3.6	6.7
				BOTH	3.1	5.3	18.8	29.5	3.4	7.0
28	1084030	205	501	IN	2.8	2.0	10.0	33.1	4.0	8.6
				OUT	2.8	2.0	17.0	25.3	3.1	6.5
				BOTH	2.8	2.0	14.7	29.7	3.6	7.6
29	2012040	1	1600	IN	3.1	8.2	15.1	40.2	4.4	7.5
				OUT	3.1	9.0	19.0	28.7	4.0	7.3
				BOTH	3.1	8.6	17.1	33.5	4.2	7.4
30	2012070	115	200	IN	2.9	8.8	10.0	33.6	5.6	7.2
				OUT	2.3	20.0	2.0	32.3	5.0	6.5
				BOTH	2.6	10.4	6.0	33.0	5.3	6.9
31	2012110	1	1301	IN	2.7	5.4	15.0	19.1	3.2	5.8
				OUT	2.9	1.0	10.0	54.5	3.4	8.5
				BOTH	2.9	5.0	14.0	33.1	3.3	7.2
32	2012150	101	301	IN	2.2	8.4	12.0	30.1	3.6	6.8
				OUT	2.1	9.1	9.9	45.9	3.2	8.0
				BOTH	2.2	8.7	10.7	38.2	3.4	7.4
33	2022030	1019	200	IN	3.8	11.5	0.0	44.8	4.2	7.2
				OUT	3.4	10.2	15.0	29.2	3.8	5.6
				BOTH	3.5	10.9	15.0	37.3	4.0	6.4
34	2022060	1	2903	IN	2.8	3.2	1.0	46.3	3.6	6.3
				OUT	3.0	6.6	9.0	44.4	4.3	10.4
				BOTH	2.9	5.0	5.0	45.0	3.9	8.2
35	2032120	106	602	IN	2.1	22.5	43.9	61.0	2.8	12.5
				OUT	2.1	22.8	39.7	50.0	2.7	13.0
				BOTH	2.1	22.7	41.6	55.5	2.7	12.7
36	2032140	108	500	IN	2.8	6.2	13.7	33.8	4.1	5.5
				OUT	2.9	12.2	0.0	23.8	3.6	5.0
				BOTH	2.9	10.6	13.7	28.8	3.8	5.2
37	2042130	1	1901	IN	3.4	8.4	26.0	38.7	3.4	6.8
				OUT	3.3	10.4	13.8	34.0	4.1	6.3
				BOTH	3.3	9.6	17.3	36.3	3.8	6.5

Appendix 6.13 AVERAGE OCCUPANCY OF PASSENGER VEHICLES — 1990

(Unit:Person)

Seq	Survey Station Code	Route No.	Ctl' Sect.	Direction	PC	LB	MB	HB	PP	Total
38	2052100	101	1100	IN	2.7	5.0	2.0	52.7	2.8	9.2
				OUT	2.2	4.3	40.3	49.0	3.5	8.4
				BOTH	2.5	4.6	25.0	51.2	3.1	8.8
39	2062130	1	2603	IN	3.1	7.5	11.0	44.0	3.5	6.7
				OUT	3.0	7.6	0.0	33.9	3.8	8.7
				BOTH	3.0	7.5	11.0	36.9	3.6	7.8
40	2072081	117	400	IN	2.1	3.1	1.0	43.1	3.4	6.9
				OUT	2.1	3.6	1.0	57.8	3.4	7.9
				BOTH	2.1	3.3	1.0	50.2	3.4	7.4
41	2072082	11	502	IN	3.3	12.8	15.5	31.2	5.3	7.7
				OUT	3.7	3.0	8.0	30.1	5.6	6.8
				BOTH	3.5	10.0	13.0	30.7	5.4	7.2
42	2072090	113	202	IN	2.3	2.5	3.3	49.0	2.9	7.2
				OUT	2.2	4.5	43.3	49.6	2.4	5.4
				BOTH	2.3	3.7	23.3	49.3	2.6	6.2
43	2072111	117	200	IN	2.7	2.8	2.0	46.4	3.5	8.7
				OUT	3.1	3.7	9.3	50.1	4.2	7.2
				BOTH	2.9	3.1	8.3	47.8	3.9	7.9
44	2072112	11	201	IN	2.8	1.0	11.0	28.7	3.3	6.3
				OUT	2.8	4.0	20.0	45.2	4.0	7.0
				BOTH	2.8	2.5	15.5	35.9	3.7	6.7
45	2082150	12	400	IN	1.9	2.5	46.8	56.5	2.7	9.0
				OUT	2.8	3.9	47.3	47.7	3.9	10.3
				BOTH	2.3	3.3	47.1	51.6	3.3	9.6
46	2082170	11	700	IN	3.0	8.3	20.0	19.3	4.0	5.7
				OUT	3.3	6.8	20.0	44.0	3.7	6.4
				BOTH	3.1	7.3	20.0	27.3	3.8	6.0
47	2094020	12	1000	IN	2.9	10.3	16.2	33.0	7.5	9.6
				OUT	3.2	13.0	14.0	27.9	9.0	9.1
				BOTH	3.1	11.4	15.4	30.2	7.7	9.3
48	2094030	225	600	IN	1.9	4.6	3.0	80.0	4.3	8.6
				OUT	3.1	3.7	15.8	41.4	3.7	9.3
				BOTH	2.6	4.2	13.7	50.0	4.0	9.0
49	2094120	203	202	IN	2.2	9.7	19.6	30.4	2.2	9.8
				OUT	3.0	8.4	12.6	32.1	2.0	8.9
				BOTH	2.6	8.9	15.6	31.3	2.1	9.3
50	2102131	103	100	IN	2.9	4.3	4.0	44.0	4.5	7.0
				OUT	2.9	5.6	1.0	46.9	3.8	7.0
				BOTH	2.9	4.7	3.0	45.5	4.2	7.0
51	2102132	11	1200	IN	2.9	10.7	9.5	49.6	3.9	5.4
				OUT	3.2	12.0	2.0	51.9	3.9	5.5
				BOTH	3.0	11.0	5.8	50.8	3.9	5.4
52	2102150	101	700	IN	3.4	11.6	19.0	40.0	3.7	5.5
				OUT	3.0	6.4	11.2	38.3	3.1	4.5
				BOTH	3.2	8.7	15.5	38.8	3.4	5.0
53	2122130	11	1300	IN	2.5	5.4	7.1	42.1	2.9	7.2
				OUT	2.8	13.8	1.7	47.5	3.6	9.4
				BOTH	2.6	10.0	6.3	44.6	3.3	8.3
54	2152170	102	100	IN	2.2	6.0	37.1	42.1	2.9	8.2
				OUT	2.3	6.0	25.4	43.2	2.9	6.3
				BOTH	2.3	6.0	32.3	42.6	2.9	7.2

(Unit:Person)

Seq	Survey Station Code	Route No.	Ctl' Sect.	Direction	PC	LB	MB	HB	PP	Total
55	3013040	3	1300	IN	3.0	7.8	40.0	50.4	2.4	4.2
				OUT	3.3	5.7	3.0	44.2	2.8	4.9
				BOTH	3.2	6.9	12.3	46.5	2.6	4.5
56	3013060	317	302	IN	2.4	5.6	17.0	31.3	3.1	7.9
				OUT	3.2	7.6	17.8	42.3	3.2	8.5
				BOTH	2.9	6.5	17.4	36.2	3.1	8.2
58	3023031	3	402	IN	2.2	7.5	40.4	43.8	4.8	38.8
				OUT	2.7	5.7	12.2	39.7	5.3	23.3
				BOTH	2.6	5.8	38.0	41.4	5.1	28.5
59	3023032	315	200	IN	2.7	6.6	16.4	32.7	3.3	5.8
				OUT	2.6	5.2	9.5	29.6	3.3	5.2
				BOTH	2.7	6.0	14.5	31.3	3.3	5.5
60	3023033	331	400	IN	2.9	8.1	14.5	40.3	3.6	5.2
				OUT	2.9	6.9	8.0	36.1	3.6	5.6
				BOTH	2.9	7.5	11.3	38.0	3.6	5.4
61	3023061	319	200	IN	2.5	3.8	7.4	51.9	4.4	5.4
				OUT	2.3	3.6	3.0	36.3	3.1	4.4
				BOTH	2.4	3.7	6.9	43.3	3.8	5.0
62	3023062	304	400	IN	2.5	4.6	5.0	50.2	3.0	7.3
				OUT	2.8	6.4	12.0	48.3	3.4	8.0
				BOTH	2.7	5.5	6.2	49.3	3.1	7.7
63	3033071	3	800	IN	2.6	5.0	3.0	38.9	2.3	5.3
				OUT	2.4	4.4	3.0	28.6	2.2	4.9
				BOTH	2.5	4.8	3.0	33.6	2.3	5.2
64	3033072	36	200	IN	2.6	5.6	15.5	37.5	2.3	4.0
				OUT	2.5	4.3	4.0	37.0	3.1	4.4
				BOTH	2.6	5.0	9.8	37.2	2.7	4.2
65	3033073	344	300	IN	2.6	6.2	16.8	45.0	2.2	5.7
				OUT	2.8	5.0	14.8	38.7	2.7	5.8
				BOTH	2.7	5.8	15.8	41.8	2.4	5.7
67	3064060	304	700	IN	2.5	8.6	17.3	39.6	2.9	7.3
				OUT	2.8	6.5	12.8	36.9	2.8	7.1
				BOTH	2.7	7.5	14.5	38.3	2.9	7.2
68	4014090	213	102	IN	2.5	6.6	25.0	32.0	2.9	12.6
				OUT	2.2	5.3	19.0	36.8	2.8	13.9
				BOTH	2.3	5.9	20.5	34.3	2.8	13.2
69	4014110	214	200	IN	2.7	10.5	14.9	35.9	4.7	10.7
				OUT	2.4	4.7	21.7	27.6	3.9	9.4
				BOTH	2.6	7.6	18.7	32.3	4.5	10.2
70	4014130	213	303	IN	2.7	8.0	22.3	65.3	5.5	14.8
				OUT	2.8	10.4	16.9	61.3	5.1	13.2
				BOTH	2.7	10.0	18.0	63.0	5.3	13.8
71	4024030	201	702	IN	2.7	4.5	21.8	43.1	5.5	13.6
				OUT	2.6	1.0	19.5	51.3	2.5	12.6
				BOTH	2.7	3.3	20.5	45.5	3.4	13.2
72	4024060	2	702	IN	2.4	4.0	11.0	38.9	3.4	15.4
				OUT	2.6	5.8	1.0	68.2	4.7	21.0
				BOTH	2.5	5.2	7.7	51.3	4.0	18.1
73	4024091	208	102	IN	2.4	8.3	12.6	39.7	2.9	21.4
				OUT	2.7	8.4	18.8	45.3	3.3	22.5
				BOTH	2.5	8.4	15.3	42.5	3.2	22.0

Appendix 6.13　AVERAGE OCCUPANCY OF PASSENGER VEHICLES — 1990

(Unit:Person)

Seq	Survey Station Code	Route No.	Ctl' Sect.	Direction	PC	LB	MB	HB	PP	Total
74	4024092	23	103	IN	2.5	8.5	19.0	53.6	4.3	17.9
				OUT	3.5	11.0	21.7	68.1	9.1	21.5
				BOTH	3.2	8.9	20.1	61.2	6.2	19.8
75	4024120	201	800	IN	3.1	5.0	15.0	57.7	4.6	17.2
				OUT	2.8	2.5	17.1	67.1	5.8	18.6
				BOTH	3.0	3.3	16.9	62.4	5.4	18.0
76	4024160	2	1100	IN	2.2	3.5	2.0	40.1	3.0	15.7
				OUT	2.6	7.2	23.1	43.2	3.0	14.3
				BOTH	2.4	6.2	21.0	41.5	3.0	15.0
77	4034061	205	702	IN	2.5	3.7	17.5	27.4	4.9	11.6
				OUT	2.3	3.7	29.0	30.8	3.2	8.4
				BOTH	2.4	3.7	25.7	29.1	3.4	9.5
78	4034062	202	301	IN	2.5	6.5	20.3	28.6	7.3	9.8
				OUT	2.6	2.0	19.6	26.3	4.8	9.8
				BOTH	2.5	4.3	19.9	27.4	6.2	9.8
79	4044080	212	1302	IN	2.5	8.2	20.0	37.8	2.5	13.5
				OUT	2.4	4.9	20.0	35.0	2.5	11.9
				BOTH	2.5	6.5	20.0	36.5	2.5	12.7
80	4044130	22	502	IN	2.5	6.9	18.1	29.3	2.8	11.0
				OUT	2.6	7.0	18.2	26.7	3.9	9.4
				BOTH	2.5	7.0	18.2	28.2	3.4	10.2
81	4054160	2	1303	IN	2.2	4.2	12.5	30.3	3.0	7.5
				OUT	2.5	5.2	20.0	29.8	2.7	7.5
				BOTH	2.3	4.8	17.0	30.0	2.8	7.5
82	4064071	24	300	IN	2.5	4.5	1.5	37.7	2.9	8.7
				OUT	2.6	3.8	11.0	39.8	3.8	9.6
				BOTH	2.5	4.3	6.3	38.8	3.4	9.2
83	4064072	226	400	IN	3.1	4.8	11.5	30.9	3.3	5.1
				OUT	2.7	6.3	16.3	29.2	2.8	4.2
				BOTH	2.8	5.5	14.7	30.1	3.2	4.6
84	4074141	226	600	IN	1.9	8.0	6.8	28.8	2.5	4.5
				OUT	2.3	6.6	8.0	27.5	3.0	5.3
				BOTH	2.1	7.4	7.0	28.0	2.7	4.8
85	4074142	219	400	IN	2.6	3.5	17.5	51.5	7.1	23.8
				OUT	3.0	15.0	13.5	50.3	3.3	20.7
				BOTH	2.8	7.3	14.8	50.9	4.5	22.1
86	4084100	212	1400	IN	2.5	7.9	12.3	36.6	2.8	13.9
				OUT	2.5	4.9	15.0	39.7	2.8	13.6
				BOTH	2.5	6.4	13.7	37.9	2.8	13.8
87	4094111	23	303	IN	2.5	3.0	12.3	49.1	4.5	19.5
				OUT	2.8	4.7	2.0	66.1	4.9	22.2
				BOTH	2.7	4.3	9.8	56.4	4.6	20.8
88	4094112	202	700	IN	3.7	8.6	22.8	60.5	5.5	17.0
				OUT	2.7	4.7	14.9	43.9	4.2	17.5
				BOTH	3.3	5.8	18.2	50.1	5.0	17.2
89	4104110	23	501	IN	2.4	4.0	10.5	46.8	3.6	11.8
				OUT	2.4	12.0	4.3	51.4	4.0	13.6
				BOTH	2.4	8.0	9.5	49.2	3.8	12.6
90	4104170	23	600	IN	2.5	5.3	7.5	34.9	3.1	11.7
				OUT	2.9	7.6	19.7	33.8	4.0	13.0
				BOTH	2.7	6.4	11.6	34.3	3.5	12.3

(Unit:Person)

Seq	Survey Station Code	Route No.	Ctl' Sect.	Direction	PC	LB	MB	HB	PP	Total
91	4114140	214	500	IN	3.3	7.9	16.8	31.4	6.2	9.8
				OUT	2.8	4.0	46.7	45.4	5.0	12.8
				BOTH	3.1	7.1	29.6	37.9	5.6	11.1
92	4124160	210	302	IN	2.6	7.2	8.3	33.2	2.5	13.2
				OUT	2.2	5.8	12.1	35.5	2.4	12.8
				BOTH	2.4	6.3	11.0	34.3	2.5	13.0
93	4134160	22	301	IN	2.4	2.0	7.0	34.0	5.7	11.5
				OUT	2.7	1.0	39.3	39.0	3.4	13.3
				BOTH	2.6	1.5	35.3	36.6	5.0	12.5
94	4144150	226	800	IN	2.3	5.2	12.8	34.3	3.7	9.4
				OUT	2.4	4.7	15.9	32.3	2.2	8.2
				BOTH	2.3	4.9	13.9	33.3	2.8	8.8
95	4154170	226	1200	IN	2.5	4.0	13.7	29.2	3.0	6.9
				OUT	2.7	3.1	15.5	30.7	3.0	7.0
				BOTH	2.6	3.4	14.6	29.9	3.0	6.9
96	5015050	323	103	IN	2.2	5.0	12.7	38.9	2.7	6.9
				OUT	2.3	5.7	6.7	45.1	2.6	6.9
				BOTH	2.3	5.5	10.0	42.0	2.7	6.9
97	5015060	324	202	IN	2.4	3.0	20.0	29.8	3.0	5.4
				OUT	2.3	3.5	6.5	25.4	3.2	4.9
				BOTH	2.4	3.3	9.2	27.7	3.1	5.1
98	5025050	4	302	IN	2.2	2.0	19.0	56.1	2.5	30.2
				OUT	2.2	5.0	12.3	55.8	2.8	37.6
				BOTH	2.2	3.0	15.0	55.9	2.6	34.4
99	5025060	321	202	IN	2.9	6.3	18.5	41.3	3.8	10.0
				OUT	2.5	5.5	13.7	31.8	2.8	9.3
				BOTH	2.8	6.0	17.2	35.5	3.2	9.6
100	5035040	4	800	IN	2.9	4.0	12.2	41.2	3.1	9.4
				OUT	2.6	3.9	5.5	34.4	3.1	9.2
				BOTH	2.8	4.0	10.7	38.0	3.1	9.3
101	5036020	4	1400	IN	3.2	5.7	18.0	31.8	3.2	5.9
				OUT	2.9	4.9	11.7	38.6	3.3	6.1
				BOTH	3.0	5.3	13.3	35.2	3.3	6.0
103	5055081	35	300	IN	2.7	7.5	11.5	37.9	3.8	14.7
				OUT	2.4	5.4	16.5	41.4	3.1	15.3
				BOTH	2.6	6.0	14.0	39.8	3.5	15.0
104	5055082	325	200	IN	2.8	5.6	8.4	22.7	3.4	6.3
				OUT	2.2	3.9	6.6	29.2	3.1	5.7
				BOTH	2.5	4.8	7.7	25.3	3.3	6.0
105	5075080	35	201	IN	2.9	6.8	12.0	31.7	3.8	8.7
				OUT	2.9	4.9	9.2	35.4	4.3	8.9
				BOTH	2.9	5.6	10.1	33.5	4.0	8.8
106	6016030	4	3500	IN	4.2	5.1	12.0	50.8	3.9	8.0
				OUT	4.4	7.1	5.0	48.6	4.0	6.5
				BOTH	4.3	6.8	9.7	50.1	3.9	7.3
107	6016070	4	3200	IN	3.2	7.0	10.0	82.5	2.8	6.3
				OUT	3.4	9.5	13.5	60.4	3.4	8.4
				BOTH	3.3	9.0	13.0	67.1	3.1	7.4
108	6016140	4035	200	IN	2.4	9.9	17.0	46.7	4.6	8.1
				OUT	2.9	11.8	15.1	46.7	4.1	9.2
				BOTH	2.7	10.7	15.6	46.7	4.4	8.6

Appendix 6.13   AVERAGE OCCUPANCY OF PASSENGER VEHICLES — 1990

(Unit:Person)

Seq	Survey Station Code	Route No.	Ctl' Sect.	Dire- ction	PC	LB	MB	HB	PP	Total
109	6026100	4	1800	IN	3.6	8.0	13.0	59.4	3.7	6.9
				OUT	2.9	8.2	9.7	58.8	3.8	6.9
				BOTH	3.3	8.1	10.9	59.1	3.7	6.9
110	6026140	41	300	IN	3.1	5.2	12.3	47.2	3.4	6.1
				OUT	2.8	4.7	9.3	51.6	4.4	6.5
				BOTH	3.0	4.9	10.8	49.2	3.8	6.3
111	6036040	403	302	IN	3.3	4.8	6.3	38.6	6.0	6.5
				OUT	3.9	3.6	10.7	33.8	4.8	7.5
				BOTH	3.5	4.4	9.2	36.2	5.2	7.0
112	6036060	4	3800	IN	4.3	7.7	18.0	49.4	4.0	6.9
				OUT	4.1	5.6	40.0	49.5	4.1	6.8
				BOTH	4.2	6.4	35.6	49.4	4.0	6.8
113	6046060	41	1100	IN	3.3	4.4	12.2	38.7	3.8	7.9
				OUT	3.2	7.4	12.5	42.4	4.8	8.6
				BOTH	3.3	5.2	12.3	40.6	4.1	8.3
114	6046120	408	302	IN	3.8	10.1	0.0	44.5	3.3	7.0
				OUT	3.1	9.6	40.0	44.8	9.4	10.5
				BOTH	3.5	9.9	40.0	44.7	3.6	8.2
115	6046141	41	800	IN	3.8	6.7	0.0	52.9	4.9	6.3
				OUT	3.4	7.9	40.0	50.8	4.1	5.8
				BOTH	3.6	7.0	40.0	51.7	4.4	6.0
116	6046142	401	801	IN	3.5	7.2	2.0	46.9	4.4	6.9
				OUT	3.6	6.0	5.0	58.9	3.6	7.5
				BOTH	3.6	6.8	4.0	53.3	4.0	7.2
117	6056080	42	701	IN	4.0	6.5	25.6	32.0	3.9	8.1
				OUT	3.7	6.0	14.0	27.5	3.4	5.5
				BOTH	3.8	6.2	23.3	29.5	3.4	6.5
118	6066120	4	4100	IN	3.8	7.4	25.0	47.3	4.6	8.3
				OUT	4.0	7.3	13.2	53.3	3.6	6.7
				BOTH	3.9	7.3	16.6	50.1	3.9	7.3
119	6076100	4	2300	IN	2.8	4.1	0.0	42.1	3.6	7.7
				OUT	3.4	5.5	20.0	53.3	3.3	8.4
				BOTH	3.0	4.7	20.0	48.8	3.3	8.2
120	6076110	402	101	IN	2.8	10.0	18.3	48.5	3.9	10.8
				OUT	2.7	8.5	10.7	47.9	3.5	10.3
				BOTH	2.7	9.2	13.6	48.2	3.7	10.5
121	6086090	410	102	IN	3.6	5.4	12.3	26.9	3.2	6.1
				OUT	3.3	4.6	11.2	39.6	2.9	7.1
				BOTH	3.5	5.1	11.8	33.6	3.0	6.6
122	6086120	4086	300	IN	4.1	7.4	19.0	38.1	3.6	5.1
				OUT	4.4	10.1	1.0	41.8	4.9	5.9
				BOTH	4.3	8.4	13.0	39.9	3.8	5.5
123	6126130	406	200	IN	4.1	7.6	15.0	49.1	3.1	7.0
				OUT	4.6	8.2	25.0	55.7	4.1	8.0
				BOTH	4.4	8.0	18.3	52.4	3.6	7.5

Appendix 6.14   PERCENTAGE OF TRIP PURPOSE — 1990

(Unit:%)

Seq	Survey Station Code	Route No.	Ctl' Sect.	Direction	Passenger Car Work	Priv.	Tour	Other	Pickup-Passenger Work	Priv.	Tour	Other
1	101030	340	201	IN	46.4	40.4	7.5	5.6	44.9	44.2	6.5	4.3
				OUT	44.3	47.0	6.1	2.6	42.9	50.6	4.5	1.9
				BOTH	45.8	42.4	7.1	4.7	43.8	47.6	5.5	3.1
2	101071	303	100	IN	55.3	43.7	0.3	0.8	60.5	38.8	0.7	0.0
				OUT	50.6	43.3	1.9	4.1	49.6	43.6	2.2	4.6
				BOTH	52.4	43.4	1.3	2.9	54.3	41.6	1.5	2.6
3	101072	3	200	IN	47.0	46.8	1.8	4.4	61.5	33.0	1.5	4.1
				OUT	57.2	39.0	2.0	1.8	55.6	40.1	2.2	2.2
				BOTH	51.1	43.7	1.9	3.3	58.3	36.8	1.9	3.0
4	103020	304	202	IN	44.4	41.0	11.5	3.2	52.7	37.7	6.9	2.6
				OUT	24.7	66.3	9.0	0.0	36.1	57.1	6.8	0.0
				BOTH	34.4	53.8	10.2	1.6	43.2	48.8	6.9	1.1
5	105071	4	100	IN	46.1	48.6	3.9	1.4	54.3	42.8	1.6	1.3
				OUT	46.7	49.1	1.4	2.8	51.7	44.2	1.2	2.9
				BOTH	46.5	48.9	2.4	2.2	52.8	43.6	1.4	2.2
6	105072	35	100	IN	30.5	54.9	14.3	0.2	45.5	51.1	3.1	0.3
				OUT	31.9	59.9	8.2	0.0	40.4	54.5	5.1	0.0
				BOTH	31.1	56.9	11.9	0.1	43.0	52.8	4.1	0.1
8	1022111	1	900	IN	26.9	61.5	10.6	1.0	34.1	61.7	3.8	0.3
				OUT	45.8	49.6	4.6	0.0	59.8	39.1	1.0	0.0
				BOTH	37.4	54.9	7.2	0.4	48.9	48.8	2.2	0.1
9	1022112	1	1101	IN	37.8	53.0	9.0	0.2	52.3	42.4	5.3	0.0
				OUT	34.9	54.8	6.0	4.3	60.8	29.0	6.6	3.5
				BOTH	36.6	53.8	7.7	1.9	56.3	36.2	5.9	1.6
10	1025060	340	600	IN	38.1	52.2	5.2	4.5	51.0	45.5	1.0	2.5
				OUT	58.5	38.8	2.7	0.0	49.2	49.4	1.4	0.0
				BOTH	50.8	43.9	3.6	1.7	49.8	48.0	1.3	0.9
11	1031040	346	300	IN	41.1	56.3	1.3	1.3	48.5	49.9	1.6	0.0
				OUT	40.7	50.8	2.5	6.0	41.8	49.7	3.9	4.5
				BOTH	40.9	53.1	2.0	4.0	45.4	49.8	2.7	2.1
14	1043050	305	102	IN	37.8	61.2	0.5	0.5	35.6	61.5	1.5	1.5
				OUT	33.8	65.0	0.8	0.4	41.3	56.3	1.0	1.3
				BOTH	35.6	63.3	0.7	0.5	38.6	58.8	1.2	1.4
15	1051080	311	100	IN	58.0	39.3	2.3	0.4	54.1	44.4	1.4	0.0
				OUT	39.8	59.7	0.5	0.0	42.9	56.9	0.0	0.3
				BOTH	49.7	48.6	1.5	0.2	48.2	51.0	0.7	0.1
16	1051101	309	302	IN	62.6	33.0	3.3	1.1	53.4	44.3	2.3	0.0
				OUT	38.2	60.8	1.0	0.0	47.4	49.6	3.0	0.0
				BOTH	49.7	47.7	2.1	0.5	49.8	47.5	2.7	0.0
17	1051102	32	500	IN	36.7	53.7	7.8	1.8	48.5	40.7	9.0	1.9
				OUT	50.2	37.9	9.9	2.0	56.5	33.8	5.1	4.6
				BOTH	43.2	46.1	8.8	1.9	52.1	37.6	7.2	3.1
18	1052110	11	101	IN	36.0	61.6	2.3	0.0	51.8	46.8	1.4	0.0
				OUT	44.4	45.6	6.7	3.3	57.8	33.9	6.7	1.7
				BOTH	40.3	53.4	4.5	1.7	54.5	41.0	3.8	0.8
19	1061081	1	500	IN	58.1	32.4	8.1	1.4	69.9	26.1	4.0	0.0
				OUT	47.8	46.1	6.1	0.0	62.9	29.6	7.5	0.0
				BOTH	52.2	40.3	6.9	0.6	66.0	28.0	6.0	0.0
20	1061082	21	200	IN	45.5	52.5	2.0	0.0	61.2	37.0	1.8	0.0
				OUT	41.3	55.2	3.5	0.0	55.5	42.3	1.9	0.3
				BOTH	43.2	54.0	2.8	0.0	58.6	39.4	1.9	0.1

(Unit:%)

Seq	Survey Station Code	Route No.	Ctl' Sect.	Direction	Passenger Car Work	Priv.	Tour	Other	Pickup-Passenger Work	Priv.	Tour	Other
21	1061090	1	301	IN	36.6	58.5	4.9	0.0	26.0	66.0	8.0	0.0
				OUT	36.2	63.8	0.0	0.0	21.3	77.3	1.3	0.0
				BOTH	36.4	61.4	2.3	0.0	23.2	72.8	4.0	0.0
22	1063050	33	101	IN	23.4	74.2	2.3	0.0	47.1	48.5	2.6	1.8
				OUT	55.7	39.6	3.8	0.9	39.0	56.0	0.7	4.3
				BOTH	38.0	58.5	3.0	0.4	44.0	51.4	1.9	2.7
23	1064060	2	101	IN	39.0	50.8	10.1	0.0	57.6	33.1	9.4	0.0
				OUT	42.8	45.5	11.4	0.2	47.8	41.6	10.6	0.0
				BOTH	41.1	48.0	10.8	0.1	53.4	36.7	9.9	0.0
24	1073021	34	100	IN	29.8	44.5	22.7	3.0	37.4	33.2	23.8	5.6
				OUT	36.7	51.0	10.6	1.6	60.5	24.8	10.9	3.8
				BOTH	34.1	48.6	15.2	2.1	51.5	28.0	15.9	4.5
25	1073022	3	301	IN	18.5	74.1	7.4	0.0	50.4	48.9	0.0	0.7
				OUT	20.0	75.7	4.3	0.0	59.3	36.1	3.7	0.9
				BOTH	19.2	74.8	6.0	0.0	54.2	43.4	1.6	0.8
26	1082090	21	501	IN	35.0	59.9	5.1	0.0	45.1	47.4	7.0	0.6
				OUT	63.9	32.0	3.1	1.0	75.7	19.7	2.9	1.6
				BOTH	47.0	48.3	4.3	0.4	59.3	34.6	5.1	1.0
27	1082110	1	700	IN	25.0	71.4	3.6	0.0	41.6	56.0	2.4	0.0
				OUT	51.6	46.8	1.6	0.0	49.0	51.0	0.0	0.0
				BOTH	39.0	58.5	2.5	0.0	45.2	53.6	1.2	0.0
28	1084030	205	501	IN	65.9	34.1	0.0	0.0	61.0	37.3	1.7	0.0
				OUT	37.0	55.6	7.4	0.0	42.0	56.3	0.9	0.9
				BOTH	54.4	42.6	2.9	0.0	51.7	46.5	1.3	0.4
29	2012040	1	1600	IN	11.4	77.1	11.4	0.0	15.6	74.0	9.4	1.0
				OUT	24.4	67.2	8.4	0.0	8.9	83.4	5.3	2.4
				BOTH	16.7	73.1	10.2	0.0	11.8	79.3	7.1	1.8
30	2012070	115	200	IN	51.5	35.3	13.2	0.0	56.1	23.7	19.1	1.2
				OUT	31.1	57.8	8.9	2.2	26.7	47.7	21.5	4.1
				BOTH	43.4	44.2	11.5	0.9	40.5	36.4	20.4	2.7
31	2012110	1	1301	IN	54.1	34.4	11.5	0.0	56.1	39.8	4.1	0.0
				OUT	25.9	42.5	31.1	0.5	36.9	49.1	11.5	2.4
				BOTH	38.2	38.9	22.5	0.3	46.4	44.5	7.8	1.2
32	2012150	101	301	IN	42.9	42.9	14.3	0.0	25.6	70.1	4.3	0.0
				OUT	81.5	18.5	0.0	0.0	76.1	21.6	2.2	0.0
				BOTH	61.8	30.9	7.3	0.0	52.6	44.2	3.2	0.0
33	2022030	1019	200	IN	35.4	26.0	38.6	0.0	40.4	40.4	19.3	0.0
				OUT	28.9	33.9	37.2	0.0	46.7	39.4	13.9	0.0
				BOTH	32.0	30.1	37.9	0.0	43.4	39.9	16.7	0.0
34	2022060	1	2903	IN	50.0	36.2	10.0	3.8	51.9	33.4	8.8	5.9
				OUT	57.1	25.5	17.3	0.0	55.4	32.5	11.6	0.6
				BOTH	53.1	31.6	13.2	2.2	53.5	33.0	10.0	3.5
35	2032120	106	602	IN	36.1	54.4	9.5	0.0	45.5	51.1	3.4	0.0
				OUT	46.5	48.7	4.0	0.9	52.0	38.7	5.6	3.7
				BOTH	40.9	51.7	7.0	0.4	49.2	44.1	4.7	2.1
36	2032140	108	500	IN	65.5	27.6	6.9	0.0	73.1	21.0	5.9	0.0
				OUT	41.7	39.6	18.8	0.0	54.5	37.5	8.0	0.0
				BOTH	50.6	35.1	14.3	0.0	64.1	29.0	6.9	0.0
37	2042130	1	1901	IN	23.2	42.4	33.8	0.5	33.2	53.1	12.2	1.5
				OUT	30.6	49.2	20.2	0.0	37.2	48.4	13.9	0.4
				BOTH	27.3	46.1	26.4	0.2	35.3	50.6	13.1	1.0

Appendix 6.14 PERCENTAGE OF TRIP PURPOSE — 1990

(Unit:%)

Seq	Survey Station Code	Route No.	Ctl' Sect.	Direction	Passenger Car Work	Priv.	Tour	Other	Pickup-Passenger Work	Priv.	Tour	Other
38	2052100	101	1100	IN	61.9	34.9	3.2	0.0	57.8	37.5	4.7	0.0
				OUT	46.3	46.3	7.3	0.0	64.2	30.8	5.0	0.0
				BOTH	55.8	39.4	4.8	0.0	60.9	34.3	4.8	0.0
39	2062130	1	2603	IN	30.1	45.4	24.5	0.0	42.0	50.5	7.5	0.0
				OUT	43.7	31.7	24.6	0.0	43.3	42.4	14.0	0.3
				BOTH	36.7	38.8	24.5	0.0	42.7	46.4	10.8	0.2
40	2072081	117	400	IN	51.7	35.0	12.8	0.5	50.8	34.5	14.3	0.5
				OUT	51.7	35.0	12.8	0.5	50.4	35.1	14.1	0.5
				BOTH	51.7	35.0	12.8	0.5	50.6	34.8	14.2	0.5
41	2072082	11	502	IN	48.6	29.1	22.3	0.0	33.4	36.9	27.8	1.9
				OUT	48.7	35.5	15.7	0.0	44.4	40.5	15.1	0.0
				BOTH	48.7	32.8	18.6	0.0	39.0	38.8	21.3	0.9
42	2072090	113	202	IN	52.7	43.6	1.8	1.8	63.9	32.2	2.2	1.8
				OUT	46.8	53.2	0.0	0.0	67.2	31.5	1.3	0.0
				BOTH	50.0	48.0	1.0	1.0	65.8	31.8	1.7	0.7
43	2072111	117	200	IN	31.7	49.1	19.2	0.0	41.8	47.3	10.9	0.0
				OUT	27.8	50.4	21.7	0.0	38.5	36.2	25.3	0.0
				BOTH	29.5	49.9	20.7	0.0	40.1	41.5	18.3	0.0
44	2072112	11	201	IN	55.7	44.3	0.0	0.0	60.0	37.8	2.2	0.0
				OUT	36.9	44.6	15.5	3.0	40.0	48.2	8.6	3.3
				BOTH	44.5	44.5	9.2	1.8	49.7	43.2	5.5	1.7
45	2082150	12	400	IN	63.3	29.4	7.3	0.0	61.8	33.8	4.3	0.0
				OUT	42.3	42.3	8.2	7.2	51.6	36.2	6.3	6.0
				BOTH	53.4	35.4	7.8	3.4	56.5	35.1	5.3	3.1
46	2082170	11	700	IN	47.6	34.6	17.8	0.0	49.2	44.2	6.6	0.0
				OUT	23.8	50.0	25.9	0.3	56.3	32.3	11.3	0.0
				BOTH	35.2	42.6	22.0	0.2	52.7	38.3	9.0	0.0
47	2094020	12	1000	IN	24.6	70.5	4.9	0.0	45.5	27.3	27.3	0.0
				OUT	53.5	43.7	2.8	0.0	50.0	50.0	0.0	0.0
				BOTH	40.2	56.1	3.8	0.0	46.2	30.8	23.1	0.0
48	2094030	225	600	IN	76.9	23.1	0.0	0.0	90.3	8.3	0.0	1.4
				OUT	36.8	63.2	0.0	0.0	54.5	45.5	0.0	0.0
				BOTH	53.1	46.9	0.0	0.0	69.6	29.8	0.0	0.6
49	2094120	203	202	IN	53.3	46.7	0.0	0.0	50.0	42.9	7.1	0.0
				OUT	38.5	53.8	7.7	0.0	33.3	61.9	0.0	4.8
				BOTH	46.4	50.0	3.6	0.0	40.0	54.3	2.9	2.9
50	2102131	103	100	IN	46.7	43.3	8.9	1.1	52.4	34.7	11.8	1.0
				OUT	49.5	35.9	12.6	1.9	51.9	29.1	9.7	9.3
				BOTH	48.2	39.4	10.9	1.6	52.2	32.0	10.8	5.0
51	2102132	11	1200	IN	28.4	40.7	28.7	2.2	50.6	32.5	15.7	1.2
				OUT	49.4	31.3	19.3	0.0	52.0	41.5	6.5	0.0
				BOTH	38.6	36.1	24.2	1.1	51.4	37.6	10.5	0.5
52	2102150	101	700	IN	29.7	35.1	35.1	0.0	45.2	50.0	4.0	0.8
				OUT	48.1	33.3	18.5	0.0	76.1	21.4	2.6	0.0
				BOTH	37.5	34.4	28.1	0.0	60.1	36.2	3.3	0.4
53	2122130	11	1300	IN	41.3	46.7	12.0	0.0	45.8	50.1	4.1	0.0
				OUT	47.5	34.8	17.6	0.0	57.0	31.3	11.7	0.0
				BOTH	43.9	41.8	14.3	0.0	51.2	41.1	7.7	0.0
54	2152170	102	100	IN	63.6	33.3	3.0	0.0	70.4	26.4	3.1	0.0
				OUT	61.8	38.2	0.0	0.0	69.4	27.9	2.7	0.0
				BOTH	62.5	36.4	1.1	0.0	69.9	27.1	2.9	0.0

(Unit:%)

Seq	Survey Station Code	Route No.	Ctl' Sect.	Direction	Passenger Car Work	Priv.	Tour	Other	Pickup-Passenger Work	Priv.	Tour	Other
55	3013040	3	1300	IN	55.0	35.6	9.4	0.0	62.0	35.7	2.3	0.0
				OUT	58.8	34.6	6.6	0.0	59.1	37.3	3.4	0.2
				BOTH	56.8	35.2	8.1	0.0	60.6	36.5	2.8	0.1
56	3013060	317	302	IN	65.5	31.0	3.4	0.0	57.3	39.7	2.2	0.9
				OUT	50.0	45.0	5.0	0.0	57.0	42.2	0.8	0.0
				BOTH	56.5	39.1	4.3	0.0	57.1	41.0	1.5	0.4
58	3023031	3	402	IN	18.2	63.6	18.2	0.0	52.2	34.8	8.7	4.3
				OUT	33.5	48.7	13.2	4.6	35.8	43.2	16.0	4.9
				BOTH	32.7	49.5	13.5	4.3	39.4	41.3	14.4	4.8
59	3023032	315	200	IN	38.5	51.4	10.1	0.0	38.6	50.3	7.5	3.6
				OUT	37.2	58.7	2.9	1.2	46.5	48.6	2.9	2.0
				BOTH	37.9	54.7	6.8	0.5	42.1	49.5	5.4	2.9
60	3023033	331	400	IN	22.1	45.5	31.7	0.7	37.0	53.8	9.2	0.0
				OUT	21.6	56.1	16.5	5.8	41.2	46.3	11.3	1.3
				BOTH	21.8	50.7	24.3	3.2	38.8	50.6	10.1	0.6
61	3023061	319	200	IN	52.1	44.9	2.4	0.6	40.7	55.2	3.2	0.9
				OUT	44.7	48.2	7.1	0.0	44.2	52.1	3.6	0.0
				BOTH	48.7	46.4	4.5	0.3	42.4	53.7	3.4	0.5
62	3023062	304	400	IN	52.2	42.9	4.9	0.0	40.6	55.8	2.4	1.2
				OUT	47.9	44.5	7.1	0.5	49.6	47.8	1.7	0.9
				BOTH	50.1	43.7	5.9	0.2	44.3	52.5	2.1	1.1
63	3033071	3	800	IN	41.9	40.2	17.1	0.8	60.0	34.7	5.3	0.0
				OUT	40.7	39.2	20.1	0.0	51.4	40.7	8.0	0.0
				BOTH	41.3	39.8	18.4	0.4	56.0	37.4	6.5	0.0
64	3033072	36	200	IN	49.0	33.8	16.9	0.3	54.6	39.5	5.6	0.2
				OUT	45.2	35.7	19.1	0.0	38.2	46.1	15.2	0.5
				BOTH	47.3	34.7	17.9	0.2	46.3	42.8	10.5	0.3
65	3033073	344	300	IN	47.5	39.9	11.8	0.8	46.5	47.1	5.9	0.4
				OUT	32.7	62.0	4.7	0.6	36.0	57.4	6.4	0.2
				BOTH	41.7	41.7	15.9	0.7	41.3	52.3	6.2	0.3
67	3064060	304	700	IN	54.1	31.1	14.8	0.0	61.4	33.1	5.5	0.0
				OUT	42.4	48.2	9.4	0.0	59.0	36.5	4.5	0.0
				BOTH	47.3	41.1	11.6	0.0	60.4	34.4	5.1	0.0
68	4014090	213	102	IN	31.3	64.1	4.6	0.0	41.6	55.1	3.4	0.0
				OUT	53.6	33.6	9.1	3.6	58.1	25.6	12.8	3.5
				BOTH	41.5	50.2	6.6	1.7	49.7	40.6	8.0	1.7
69	4014110	214	200	IN	45.3	54.7	0.0	0.0	24.0	76.0	0.0	0.0
				OUT	62.7	34.9	2.4	0.0	93.3	6.7	0.0	0.0
				BOTH	53.4	45.5	1.1	0.0	40.0	60.0	0.0	0.0
70	4014130	213	303	IN	59.1	37.9	3.0	0.0	64.3	14.3	21.4	0.0
				OUT	19.6	79.3	1.1	0.0	23.1	73.1	3.8	0.0
				BOTH	36.1	62.0	1.9	0.0	37.5	52.5	10.0	0.0
71	4024030	201	702	IN	29.0	69.9	1.1	0.0	25.0	50.0	25.0	0.0
				OUT	69.2	30.8	0.0	0.0	80.0	20.0	0.0	0.0
				BOTH	43.4	55.9	0.7	0.0	64.3	28.6	7.1	0.0
72	4024060	2	702	IN	40.1	57.0	2.8	0.0	39.7	55.4	5.0	0.0
				OUT	38.0	54.2	3.4	4.5	56.5	37.0	5.4	1.1
				BOTH	38.9	55.5	3.1	2.5	46.9	47.4	5.2	0.5
73	4024091	208	102	IN	15.2	72.7	12.1	0.0	17.2	65.5	17.2	0.0
				OUT	20.0	60.0	20.0	0.0	70.4	22.2	7.4	0.0
				BOTH	17.2	67.2	15.5	0.0	51.8	37.3	10.8	0.0

Appendix 6.14 PERCENTAGE OF TRIP PURPOSE — 1990

(Unit:%)

Seq	Survey Station Code	Route No.	Ctl' Sect.	Direction	Passenger Car Work	Priv.	Tour	Other	Pickup-Passenger Work	Priv.	Tour	Other
74	4024092	23	103	IN	31.5	67.4	1.1	0.0	54.0	44.4	1.6	0.0
				OUT	45.6	50.0	4.4	0.0	82.9	12.2	4.9	0.0
				BOTH	40.5	56.3	3.2	0.0	65.4	31.7	2.9	0.0
75	4024120	201	800	IN	68.4	29.1	2.5	0.0	70.0	30.0	0.0	0.0
				OUT	28.6	64.9	6.5	0.0	10.5	89.5	0.0	0.0
				BOTH	48.7	46.8	4.5	0.0	31.0	69.0	0.0	0.0
76	4024160	2	1100	IN	50.0	32.3	9.7	8.1	52.5	30.5	11.9	5.1
				OUT	29.8	59.5	10.7	0.0	36.4	54.5	9.1	0.0
				BOTH	40.0	45.7	10.2	4.1	43.4	44.1	10.3	2.2
77	4034061	205	702	IN	44.4	55.6	0.0	0.0	24.1	72.4	0.0	3.4
				OUT	41.2	52.9	2.0	3.9	50.9	46.7	0.6	1.8
				BOTH	43.1	54.5	0.8	1.6	47.0	50.5	0.5	2.0
78	4034062	202	301	IN	22.6	74.2	3.2	0.0	21.4	75.0	3.6	0.0
				OUT	32.0	64.0	4.0	0.0	71.4	28.6	0.0	0.0
				BOTH	26.8	69.6	3.6	0.0	42.9	55.1	2.0	0.0
79	4044080	212	1302	IN	44.0	48.0	8.0	0.0	57.1	20.0	22.9	0.0
				OUT	19.2	46.2	34.6	0.0	26.9	46.2	26.9	0.0
				BOTH	31.4	47.1	21.6	0.0	44.3	31.1	24.6	0.0
80	4044130	22	502	IN	44.4	24.4	15.6	15.6	43.8	21.9	21.9	12.5
				OUT	15.8	78.9	5.3	0.0	59.1	31.8	9.1	0.0
				BOTH	31.3	49.4	10.8	8.4	52.6	27.6	14.5	5.3
81	4054160	2	1303	IN	39.8	46.4	5.5	8.3	46.1	41.2	6.9	5.9
				OUT	40.4	48.6	10.9	0.0	47.9	42.7	9.4	0.0
				BOTH	40.1	47.5	8.2	4.1	47.0	42.0	8.2	2.7
82	4064071	24	300	IN	24.5	75.5	0.0	0.0	46.7	52.5	0.4	0.4
				OUT	33.7	56.2	6.7	3.4	25.8	69.5	1.3	3.4
				BOTH	30.3	63.4	4.2	2.1	35.5	61.6	0.9	2.0
83	4064072	226	400	IN	30.2	64.6	3.1	2.1	31.4	68.6	0.0	0.0
				OUT	47.1	49.3	3.6	0.0	54.5	36.4	0.0	9.1
				BOTH	40.1	55.6	3.4	0.9	37.0	60.9	0.0	2.2
84	4074141	226	600	IN	45.6	52.4	1.9	0.0	53.4	42.5	2.3	1.7
				OUT	47.9	49.3	1.4	1.4	50.0	48.6	0.7	0.7
				BOTH	46.6	51.1	1.7	0.6	51.9	45.3	1.6	1.3
85	4074142	219	400	IN	31.6	65.8	2.6	0.0	80.0	20.0	0.0	0.0
				OUT	27.8	72.2	0.0	0.0	43.5	56.5	0.0	0.0
				BOTH	29.7	68.9	1.4	0.0	54.5	45.5	0.0	0.0
86	4084100	212	1400	IN	26.3	42.1	31.6	0.0	53.3	30.0	13.3	3.3
				OUT	33.3	38.9	27.8	0.0	54.5	40.9	4.5	0.0
				BOTH	29.7	40.5	29.7	0.0	53.8	34.6	9.6	1.9
87	4094111	23	303	IN	67.9	32.1	0.0	0.0	90.0	3.3	3.3	3.3
				OUT	27.5	67.8	4.7	0.0	36.4	63.6	0.0	0.0
				BOTH	46.9	50.7	2.4	0.0	75.6	19.5	2.4	2.4
88	4094112	202	700	IN	35.7	61.9	2.4	0.0	33.3	66.7	0.0	0.0
				OUT	39.4	60.6	0.0	0.0	22.2	77.8	0.0	0.0
				BOTH	37.3	61.3	1.3	0.0	29.4	70.6	0.0	0.0
89	4104110	23	501	IN	52.1	47.9	0.0	0.0	28.6	71.4	0.0	0.0
				OUT	40.6	59.4	0.0	0.0	85.0	15.0	0.0	0.0
				BOTH	46.4	53.6	0.0	0.0	52.1	47.9	0.0	0.0
90	4104170	23	600	IN	33.3	50.0	15.0	1.7	39.3	39.3	21.4	0.0
				OUT	35.6	51.1	11.1	2.2	57.1	39.3	0.0	3.6
				BOTH	34.3	50.5	13.3	1.9	48.2	39.3	10.7	1.8
91	4114140	214	500	IN	28.6	71.4	0.0	0.0	30.4	65.2	4.3	0.0
				OUT	46.9	46.9	6.3	0.0	84.2	0.0	5.3	10.5
				BOTH	37.3	59.7	3.0	0.0	54.8	35.7	4.8	4.8
92	4124160	210	302	IN	21.2	66.7	12.1	0.0	31.0	65.5	3.4	0.0
				OUT	26.3	63.2	7.9	2.6	48.1	37.0	3.7	11.1
				BOTH	23.9	64.8	9.9	1.4	39.3	51.8	3.6	5.4
93	4134160	22	301	IN	29.0	71.0	0.0	0.0	29.6	63.0	7.4	0.0
				OUT	56.9	41.6	1.5	0.0	72.7	0.0	0.0	27.3
				BOTH	44.7	54.5	0.8	0.0	42.1	44.7	5.3	7.9
94	4144150	226	800	IN	42.9	55.6	0.0	1.6	77.8	22.2	0.0	0.0
				OUT	31.3	65.7	0.0	3.0	65.4	34.6	0.0	0.0
				BOTH	36.9	60.8	0.0	2.3	70.5	29.5	0.0	0.0
95	4154170	226	1200	IN	51.8	40.9	7.3	0.0	59.2	36.6	4.2	0.0
				OUT	34.3	38.9	14.8	12.0	38.6	38.6	14.3	8.6
				BOTH	43.1	39.9	11.0	6.0	48.9	37.6	9.2	4.3
96	5015050	323	103	IN	29.4	57.7	4.0	8.9	42.6	48.8	2.4	6.2
				OUT	51.2	42.8	6.0	0.0	56.4	41.5	2.0	0.1
				BOTH	41.3	49.5	5.1	4.0	50.0	44.9	2.2	2.9
97	5015060	324	202	IN	12.1	84.5	3.4	0.0	19.2	80.5	0.3	0.0
				OUT	27.4	62.9	8.1	1.6	39.6	56.8	2.5	1.1
				BOTH	20.0	73.3	5.8	0.8	28.8	69.3	1.3	0.5
98	5025050	4	302	IN	40.0	57.1	2.9	0.0	50.8	47.7	0.8	0.8
				OUT	20.5	79.5	0.0	0.0	30.6	68.5	0.9	0.0
				BOTH	29.1	69.6	1.3	0.0	41.4	57.3	0.8	0.4
99	5025060	321	202	IN	28.6	66.1	5.4	0.0	27.8	68.7	3.5	0.0
				OUT	21.1	74.7	3.2	1.1	18.5	80.8	0.7	0.0
				BOTH	25.1	70.0	4.3	0.5	22.6	75.6	1.9	0.0
100	5035040	4	800	IN	23.5	61.0	9.5	6.0	38.4	41.1	8.2	12.3
				OUT	35.1	42.3	20.8	1.8	42.4	41.9	13.3	2.5
				BOTH	27.5	54.5	13.5	4.6	40.7	41.5	11.2	6.6
101	5036020	4	1400	IN	35.8	41.9	18.9	3.4	40.1	48.1	4.6	7.2
				OUT	27.7	62.5	8.7	1.1	43.1	50.2	5.1	1.6
				BOTH	31.3	53.3	13.3	2.1	41.6	49.2	4.9	4.3
103	5055081	35	300	IN	29.4	58.7	11.9	0.0	46.2	46.2	7.6	0.0
				OUT	40.1	43.9	16.0	0.0	33.6	58.2	8.2	0.0
				BOTH	35.5	50.3	14.2	0.0	40.2	52.0	7.9	0.0
104	5055082	325	200	IN	42.4	50.6	5.2	1.7	66.1	28.6	3.1	2.2
				OUT	38.0	46.5	12.4	3.1	51.4	44.1	4.1	0.4
				BOTH	40.5	48.8	8.3	2.3	58.5	36.7	3.6	1.3
105	5075080	35	201	IN	27.2	38.1	33.5	1.2	41.9	41.4	15.1	1.5
				OUT	29.2	61.5	8.4	0.9	44.1	47.4	6.5	2.0
				BOTH	28.4	51.7	18.9	1.0	42.8	43.7	11.8	1.7
106	6016030	4	3500	IN	53.9	35.1	10.5	0.5	46.5	44.0	9.5	0.0
				OUT	34.9	45.7	19.4	0.0	29.2	63.7	7.1	0.0
				BOTH	44.6	40.3	14.9	0.3	38.5	53.1	8.4	0.0
107	6016070	4	3200	IN	33.3	54.5	12.2	0.0	41.2	54.3	3.7	0.8
				OUT	24.5	59.5	14.7	1.2	31.4	62.3	3.4	3.0
				BOTH	28.3	57.3	13.6	0.7	36.4	58.2	3.5	1.9
108	6016140	4035	200	IN	21.9	65.8	12.3	0.0	67.4	22.0	6.8	3.8
				OUT	30.5	39.0	30.5	0.0	53.8	40.9	4.3	1.1
				BOTH	27.0	50.0	23.0	0.0	61.8	29.8	5.8	2.7

Appendix 6.14 PERCENTAGE OF TRIP PURPOSE — 1990

(Unit:%)

Seq	Survey Station Code	Route No.	Ctl' Sect.	Direction	Passenger Car				Pickup-Passenger			
					Work	Priv.	Tour	Other	Work	Priv.	Tour	Other
109	6026100	4	1800	IN	20.7	52.3	26.1	0.9	32.4	61.5	4.5	1.7
				OUT	48.1	43.2	7.4	1.2	64.2	28.5	3.6	3.6
				BOTH	32.3	48.4	18.2	1.0	48.9	44.4	4.0	2.7
110	6026140	41	300	IN	18.3	65.6	15.2	0.9	25.9	62.0	9.3	2.8
				OUT	49.7	31.4	18.9	0.0	38.5	43.1	17.7	0.8
				BOTH	33.3	49.3	17.0	0.5	30.6	54.9	12.4	2.0
111	6036040	403	302	IN	29.1	55.1	15.8	0.0	35.0	27.5	35.0	2.5
				OUT	50.4	31.3	15.4	2.9	19.8	52.3	16.3	11.6
				BOTH	37.2	46.0	15.7	1.1	24.6	44.4	22.2	8.7
112	6036060	4	3800	IN	51.4	34.1	14.5	0.0	54.3	37.6	7.8	0.3
				OUT	38.4	51.1	10.4	0.0	37.7	54.1	7.8	0.4
				BOTH	44.7	42.8	12.4	0.0	47.4	44.5	7.8	0.4
113	6046060	41	1100	IN	31.1	46.1	20.9	1.9	51.9	35.8	2.5	9.9
				OUT	30.0	49.4	20.6	0.0	48.5	39.4	9.1	3.0
				BOTH	30.5	47.9	20.7	0.9	50.9	36.8	4.4	7.9
114	6046120	408	302	IN	65.1	30.6	3.6	0.7	51.4	47.2	1.4	0.0
				OUT	35.4	61.0	3.1	0.4	30.8	46.2	23.1	0.0
				BOTH	50.9	45.1	3.4	0.6	50.5	47.2	2.3	0.0
115	6046141	41	800	IN	44.4	46.8	8.7	0.0	44.9	52.1	3.0	0.0
				OUT	30.1	65.4	4.4	0.0	41.0	53.3	5.5	0.3
				BOTH	37.0	56.5	6.5	0.0	42.5	52.8	4.5	0.2
116	6046142	401	801	IN	50.6	39.2	10.2	0.0	46.6	45.8	7.6	0.0
				OUT	55.0	36.1	8.9	0.0	57.5	39.6	2.8	0.0
				BOTH	52.5	37.9	9.6	0.0	52.7	42.4	5.0	0.0
117	6056080	42	701	IN	39.9	57.1	1.5	1.5	64.3	21.4	14.3	0.0
				OUT	59.9	33.3	5.8	1.0	43.2	53.1	2.9	0.8
				BOTH	50.0	45.1	3.7	1.2	44.3	51.4	3.5	0.8
118	6066120	4	4100	IN	51.7	43.5	4.7	0.2	38.3	53.9	7.8	0.0
				OUT	61.1	36.2	2.7	0.0	56.1	42.2	1.7	0.0
				BOTH	56.3	39.8	3.7	0.1	51.5	45.2	3.3	0.0
119	6076100	4	2300	IN	35.2	51.9	13.0	0.0	51.6	45.2	3.2	0.0
				OUT	42.4	36.4	21.2	0.0	44.9	47.1	8.0	0.0
				BOTH	37.9	46.0	16.1	0.0	46.2	46.7	7.1	0.0
120	6076110	402	101	IN	43.8	37.2	19.0	0.0	61.5	29.1	8.8	0.7
				OUT	30.8	42.8	24.4	2.0	48.1	34.6	13.6	3.7
				BOTH	36.9	40.2	21.9	1.1	54.5	31.9	11.3	2.3
121	6086090	410	102	IN	60.6	35.0	4.3	0.0	50.2	47.4	2.4	0.0
				OUT	69.1	30.4	0.5	0.0	61.1	37.5	1.4	0.0
				BOTH	64.3	33.0	2.7	0.0	56.6	41.6	1.8	0.0
122	6086120	4086	300	IN	58.5	36.2	5.4	0.0	42.2	54.2	3.2	0.4
				OUT	56.7	40.8	2.3	0.2	73.8	26.2	0.0	0.0
				BOTH	57.5	38.7	3.7	0.1	46.7	50.2	2.7	0.3
123	6126130	406	200	IN	73.7	22.1	4.2	0.0	57.9	35.3	6.8	0.0
				OUT	54.8	39.1	5.7	0.4	30.8	64.1	5.1	0.0
				BOTH	63.3	31.4	5.0	0.2	45.2	48.8	6.0	0.0

Appendix 6.15   SOSIO—ECONOMIC INDICATIONS AND TRIP GENERATION AND ATTRACTION BY CHANGWAT — 1990

(Trip/1000 person/day)

(Trip/million Baht/day)

(Trip/vehicle/day)
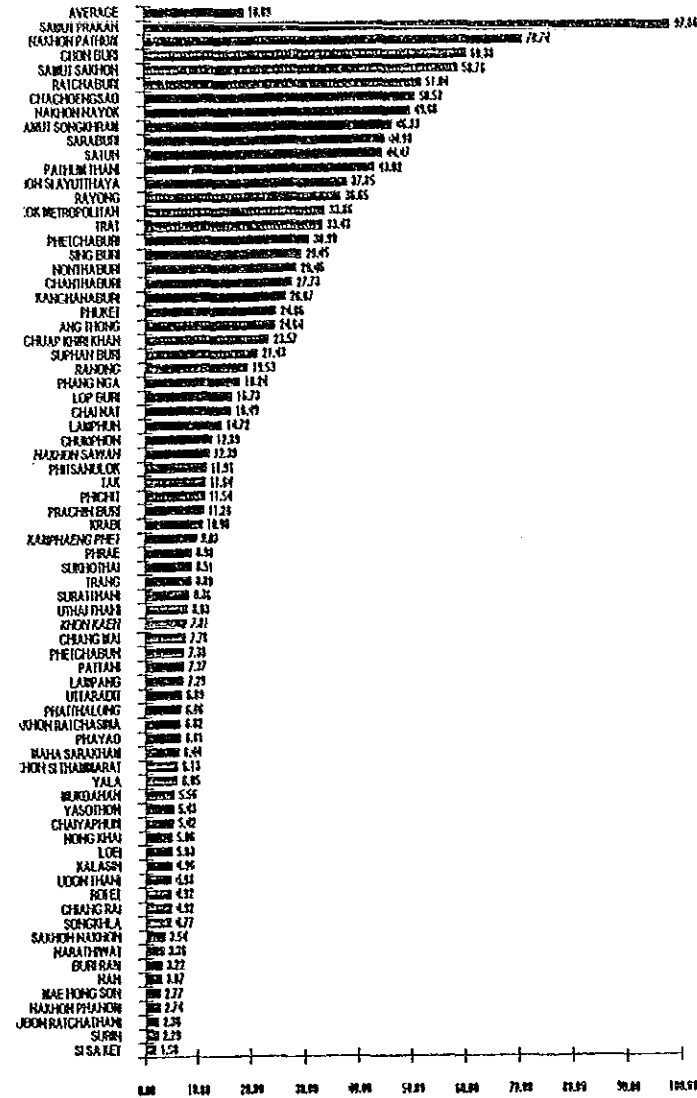
RATE OF TRIP GENERATION AND ATTRACTION / POPULATION
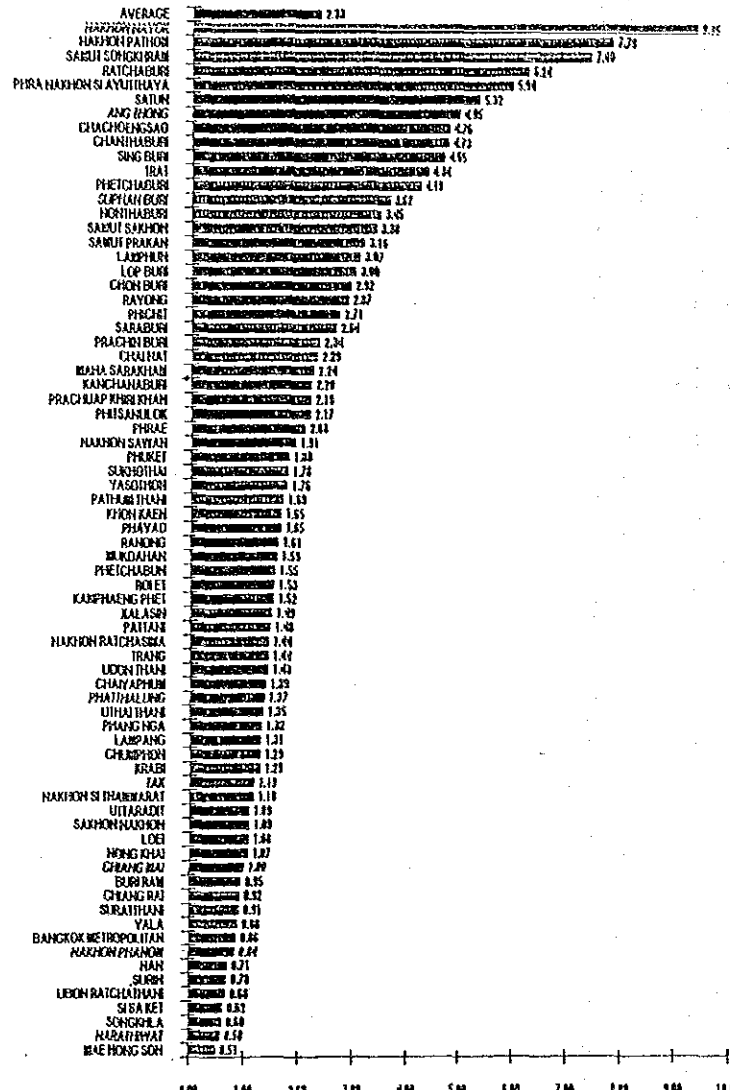
RATE OF TRIP GENERATION AND ATTRACTION / GPP
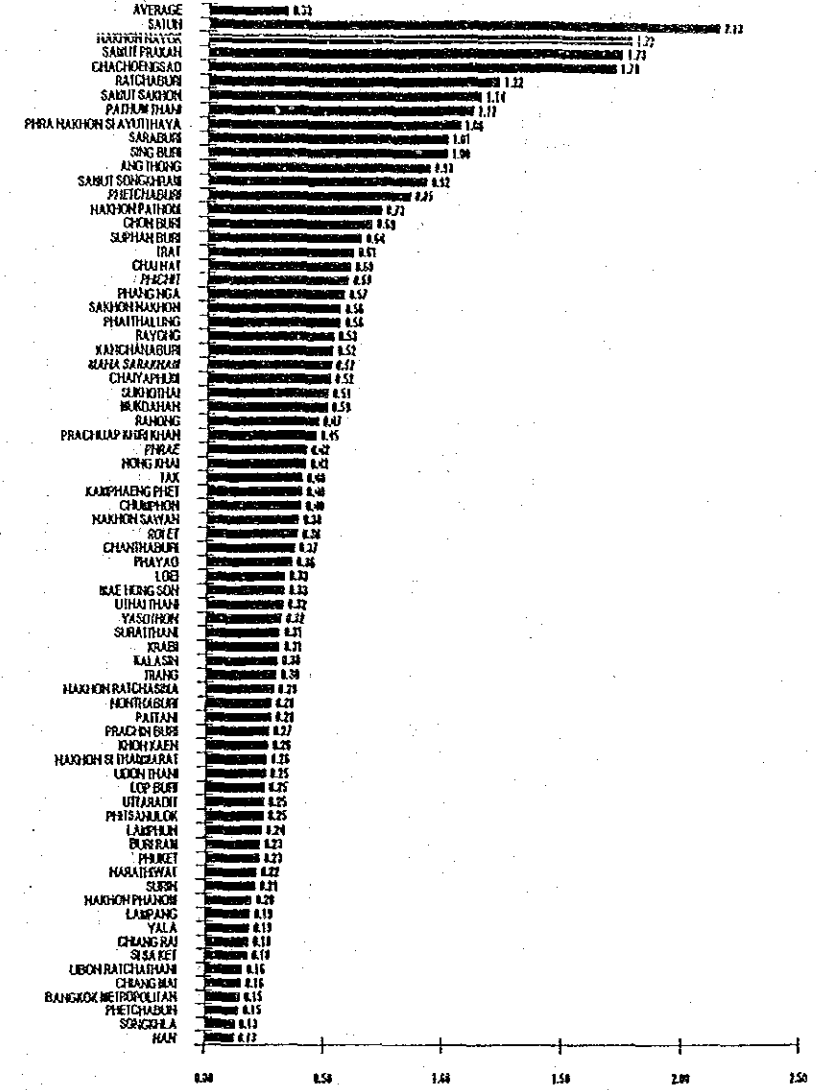
RATE OF TRIP GENERATION AND ATTRACTION / NUMBER OF REGISTERED VEHICLES

Appendix 6.16 INTER—CHANGWAT OD TABLE — 1990

PRESENT O-D TABLE (1990) VEHICLE TYPE : TOTAL

	1	10	11	12	13	14	15	16	17	18	50	51	52	53	54	55	56	57	60	61	62	63	64	65	66	67	68	20	21	22	23	24	25	26	30	31	32	33
1 BANGKOK METROPOLITAN	0	569	532	1372	702	3135	6054	873	2960	30483	252	9	616	109	60	74	216	96	138	165	145	350	286	243	402	209	253	1431	1111	4602	9494	1274	717	394	170	60	179	77
10 CHAI NAT	306	0	90	50	63	13	53	19	7	12	2	0	3	2	0	0	0	10	2	2	8	39	39	18	12	1157	681	2	0	0	0	10	0	0	1	2	0	0
11 SING BURI	379	83	0	1444	462	134	205	56	3	33	3	0	7	0	5	6	8	3	2	1	0	14	29	34	11	385	29	5	2	9	17	0	2	0	7	0	0	0
12 LOP BURI	472	126	1188	0	66	2231	88	84	0	11	11	0	43	6	5	2	11	10	11	5	6	96	37	36	355	359	27	25	46	12	1	7	0	0	176	0	7	0
13 ANG THONG	660	69	372	46	0	5	1962	44	91	46	0	0	3	0	0	0	3	0	2	11	0	2	23	14	10	142	7	0	0	0	2	0	0	0	6	0	0	0
14 SARABURI	3166	52	107	2031	11	0	1300	1117	184	144	5	3	33	10	2	50	26	21	6	20	26	53	21	49	183	116	11	813	280	74	116	75	62	2	41	11	36	34
15 PHRA NAKHON SI AYUTTHAYA	5795	68	117	79	1707	1804	0	1053	400	494	13	0	14	7	3	3	9	8	3	4	14	39	44	42	22	84	26	89	33	4	53	0	24	0	34	0	0	0
16 PATHUM THANI	1172	59	73	104	31	1263	1562	0	344	647	9	0	2	3	4	5	3	1	0	7	11	2	42	14	30	39	0	1957	159	160	123	42	23	0	34	0	0	0
17 NONTHABURI	3843	25	19	89	21	189	615	270	0	59	5	0	29	5	0	2	3	0	4	6	11	3	14	7	10	28	4	141	40	105	347	7	36	0	37	0	0	0
18 SAMUT PRAKAN	27151	26	41	0	39	84	120	317	579	0	14	0	11	2	0	2	8	4	18	0	8	8	24	6	12	0	30	42	120	1264	4625	638	142	17	0	0	7	2
50 CHIANG RAI	164	0	2	9	2	19	10	5	0	17	0	0	783	889	6	48	242	129	18	21	0	20	4	4	4	22	2	0	2	9	25	2	5	0	0	2	7	2
51 MAE HONG SON	7	0	0	0	0	0	0	0	2	0	5	0	199	4	1	26	9	1	1	1	0	0	4	1	0	2	0	0	0	2	0	0	0	0	0	2	0	0
52 CHIANG MAI	424	2	8	17	0	34	5	15	0	14	747	184	0	156	51	2362	32	144	43	30	74	80	36	7	10	28	0	0	4	2	21	5	11	0	72	0	2	0
53 PHAYAO	57	2	0	2	6	2	0	2	2	0	818	2	165	0	12	13	352	125	2	7	6	21	0	4	0	2	0	0	0	0	3	0	2	0	23	0	2	0
54 NAN	45	0	2	2	0	0	2	0	0	2	36	2	52	2	0	4	36	307	26	12	6	72	3	4	4	6	0	2	2	0	2	0	2	0	2	0	0	0
55 LAMPHUN	24	5	3	2	0	145	2	0	0	2	33	0	2319	17	2	0	405	41	19	7	15	25	10	10	6	10	0	0	0	0	2	2	2	0	0	0	0	0
56 LAMPANG	118	0	5	6	2	42	7	0	6	0	201	8	1002	385	40	330	0	550	65	42	205	49	40	14	4	42	2	0	0	2	6	2	1	0	3	0	0	1
57 PHARE	83	0	0	8	0	3	5	0	2	0	179	7	171	100	422	34	612	0	443	117	4	111	11	13	19	34	0	0	2	3	6	0	2	0	7	0	0	0
60 UTTARADIT	120	4	2	15	5	2	2	5	4	22	37	2	54	19	24	0	55	388	0	260	19	390	12	19	19	47	4	0	0	0	2	0	4	0	4	0	3	0
61 SUKHOTHAI	90	14	2	14	10	19	2	14	8	0	0	0	19	5	9	2	16	73	336	0	427	983	327	46	24	72	13	0	4	0	5	2	0	0	3	0	2	0
62 TAK	130	5	2	7	2	33	7	6	4	4	20	0	98	5	0	54	202	8	7	411	0	117	702	20	15	157	2	0	0	0	4	0	0	2	4	0	0	2
63 PHITSANULOK	288	16	14	31	14	16	15	7	2	14	34	0	92	8	38	10	28	75	326	960	125	0	96	1093	544	268	24	0	2	7	8	4	4	0	24	5	2	0
64 KAMPHAENG PHET	220	31	33	28	18	17	18	22	12	52	0	0	26	2	2	13	45	2	12	355	668	57	0	282	18	1191	36	3	0	0	12	2	7	0	12	0	2	0
65 PHICHIT	191	11	22	29	7	36	34	5	6	4	4	0	12	0	0	4	13	6	32	43	39	931	245	0	685	652	10	2	0	0	6	5	7	5	20	3	2	0
66 PHETCHABUN	273	4	19	374	5	220	16	17	9	14	8	0	13	0	12	6	2	10	18	17	11	557	9	712	0	452	0	0	2	7	7	2	3	2	168	0	9	0
67 NAKHON SAWAN	790	1072	428	476	68	114	95	71	18	28	45	3	67	13	12	30	49	17	46	158	133	607	1189	627	422	0	140	5	10	12	56	0	14	0	37	0	1	0
68 UTHAI THANI	200	531	35	11	7	0	18	18	20	5	3	0	3	0	3	0	0	0	4	7	3	54	34	5	3	135	0	0	2	1	0	0	0	0	0	0	0	0
20 NAKHON NAYOK	1177	8	12	33	5	1084	71	2114	67	62	0	0	0	0	0	0	0	5	2	4	0	3	3	0	7	13	0	0	740	36	46	7	4	1	0	0	0	0
21 PRACHIN BURI	863	6	0	54	18	267	71	198	17	132	3	0	0	4	0	0	3	3	0	0	8	9	3	2	6	13	3	764	0	1309	357	62	529	68	2	0	6	4
22 CHACHOENGSAO	5096	3	0	8	4	79	43	209	74	995	0	0	0	2	0	1	3	0	2	5	0	10	5	1	6	12	0	56	1388	0	4817	487	41	7	4	4	17	2
23 CHON BURI	8581	8	3	21	15	114	61	241	137	6053	13	0	18	17	7	5	10	11	10	2	6	38	6	5	2	83	0	29	195	7014	0	4305	501	141	5	8	23	6
24 RAYONG	1359	0	0	0	0	22	2	67	16	218	3	0	14	0	4	0	3	3	5	0	0	12	0	0	0	8	0	9	56	149	4652	0	1338	291	7	7	7	2
25 CHANTHABURI	937	0	0	6	0	65	0	14	0	108	6	0	13	3	0	9	3	7	5	0	0	2	3	10	6	0	0	2	534	40	632	1453	0	2500	0	0	0	3
26 TRAT	276	0	0	0	0	10	0	0	0	18	3	0	3	0	0	0	0	0	4	2	0	1	3	1	0	11	0	0	43	19	167	188	2308	0	0	0	0	0
30 CHAIYAPHUN	199	0	11	194	0	31	27	3	0	4	4	0	5	0	0	0	2	3	5	5	8	15	7	10	196	23	2	2	24	2	6	0	6	0	0	2	3	3
31 YASOTHON	53	0	0	2	0	4	4	0	0	9	0	0	0	0	0	0	0	2	0	0	0	4	0	0	4	0	0	0	2	2	18	0	0	0	1	0	371	3
32 UBON RATCHATHANI	256	0	0	4	0	35	30	84	2	15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	5	1	0	0	10	27	30	6	0	3	0	380	0	817
33 SI SA KET	47	0	0	3	0	5	2	4	0	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	14	16	8	2	0	1	5	844	0
34 BURIRAM	92	2	0	5	2	8	0	0	2	0	1	0	0	0	0	0	0	2	0	6	2	4	0	3	3	0	0	2	3	7	27	10	16	0	10	26	34	27
35 NAKHON RATCHASIMA	1803	7	31	158	19	814	347	156	32	79	1	0	0	0	0	0	0	2	5	10	10	30	19	15	72	39	5	56	284	116	201	70	81	21	839	42	72	28
36 SURIN	188	0	0	4	0	23	5	5	6	9	0	0	0	0	2	0	0	0	0	2	0	2	0	0	7	0	0	0	0	2	14	2	4	2	4	65	70	206
40 NONG KHAI	70	0	0	0	2	0	9	9	2	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	8	10	18	0	0	0	1	2	9	1
41 LOEI	67	0	0	12	0	2	0	4	4	4	0	0	0	0	2	0	0	0	4	3	3	2	3	6	185	3	0	0	1	0	4	0	2	0	76	2	1	0
42 UDON THANI	141	0	0	4	0	14	41	9	2	16	0	0	2	0	0	0	0	0	0	2	8	6	6	3	25	4	0	0	3	39	13	0	6	0	26	2	31	0
43 NAKHON PHANOM	43	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	5	0	0	0	3	3	11	0	0	0	1	27	30	0
44 SAKHON NAKHON	52	0	2	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	11	23	5
45 KHON KAEN	232	0	0	16	0	52	14	27	2	34	10	0	19	2	0	3	6	6	2	7	10	17	30	14	279	20	1	5	15	32	26	7	7	4	969	56	53	13
46 KALASIN	64	5	0	0	0	4	2	5	0	9	2	0	0	0	0	0	0	0	0	0	0	1	0	0	3	2	0	0	0	11	20	0	0	0	4	33	45	1
47 MAHA SARAKHAM	70	2	0	2	2	8	0	0	2	0	0	0	0	1	0	0	0	1	1	0	2	7	2	5	8	1	0	0	2	0	8	0	0	0	4	391	101	7
48 ROI ET	219	0	0	0	0	22	3	0	0	97	0	0	1	0	0	0	0	1	1	0	0	2	1	0	10	0	2	0	0	0	13	6	3	0	1	391	101	7
49 MUKDAHAN	34	0	0	0	0	9	6	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	253	142	5
70 SUPHAN BURI	4961	124	20	8	0	1	0	123	379	241	0	0	3	5	0	10	12	7	2	6	5	19	35	10	12	194	9	0	3	31	70	0	7	0	0	0	0	6
71 KANCHANABURI	1834	2	1	0	0	0	0	260	227	171	2	0	39	0	1	0	6	0	0	2	0	11	8	2	6	30	0	0	0	64	0	0	0	0	3	0	0	0
72 NAKHON PATHOM	9686	11	2	73	56	70	263	1012	1128	820	15	0	16	0	0	0	3	7	5	0	6	19	11	5	2	20	14	133	7	191	190	60	0	0	0	1	0	0
73 RATCHABURI	3667	9	13	13	0	5	0	268	230	359	5	0	0	2	0	3	0	5	3	0	0	10	5	6	3	32	0	0	15	119	0	0	0	1	0	2	0	0
74 SAMUT SAKHON	5473	0	0	14	2	31	119	132	315	599	7	0	5	0	0	2	3	2	0	0	0	4	0	1	5	63	2	12	0	50	80	0	30	19	2	0	2	0
75 SAMUT SONGKHRAM	1168	7	3	0	0	7	18	38	88	84	0	0	0	3	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	2	24	12	12	15	2	0	0	0
76 PHETCHABURI	1287	3	10	41	0	2	0	53	168	174	2	0	8	2	5	0	3	0	0	8	0	0	1	0	0	0	0	0	0	30	0	0	0	0	2	0	0	0
77 PRACHUAP KHIRI KHAN	1023	0	0	5	0	9	0	52	51	86	2	0	6	2	0	0	0	0	2	0	2	0	0	4	8	0	0	8	0	11	0	2	6	0	0	0	2	0
80 CHUMPHON	404	0	0	0	0	4	2	9	0	19	0	0	4	0	0	0	0	0	2	0	0	0	0	4	4	0	0	0	22	17	26	0	0	0	0	0	15	0
81 RANONG	73	0	0	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0
82 SURATTHANI	208	0	0	0	4	0	0	4	4	0	0	0	2	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	2	0	4	0	2	0	0	0	0	0
83 PHANG NGA	27	0	0	0	0	0	0	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84 NAKHON SI THAMMARAT	81	2	6	2	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	9	6	0	0	0	0	0	0	0
85 KRABI	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86 PHUKET	105	0	0	0	0	4	0	0	2	11	2	0	5	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
90 PHATTHALUNG	17	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91 TRANG	34	0	2	0	0	0	0	0	0	9	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0
92 SONGKHLA	178	0	0	0	0	4	0	0	13	0	17	4	0	0	0	4	0	0	0	4	0	0	0	0	0	0	0	0	6	11	0	0	0	0	0	0	0	0
93 SATUN	28	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94 PATTANI	39	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4	0	0	0	0	0	0	0
95 YALA	57	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	4	0	0	0	0	0	0	0
96 NARATHIWAT	101	0	0	0	0	0	0	0	4	2	4	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	6	4	0	0	0	0	0	0	0
TOTAL	98564	2973	3237	6923	3383	12365	13353	9147	7712	42638	2573	220	6006	1790	736	3122	2456	2095	1636	2754	2032	4913	3433	3423	3693	6230	1339	5588	5155	15487	26644	8807	5973	3502	2735	1420	2197	1269

Appendix 6.16 INTER-CHANGWAT OD TABLE — 1990

PRESENT O-D TABLE (1990)

	34	35	36	40	41	42	43	44	45	46	47	48	49	70	71	72	73	74	75	76	77	80	81	82	83	84	85	86	90	91	92	93	94	95	96	TOTAL
1 BANGKOK METROPOLITAN	173	1849	156	53	70	190	29	66	261	101	53	192	31	4183	2201	9585	3697	7586	1259	1282	1053	268	81	137	36	146	28	113	9	34	152	34				
10 CHAI NAT	0	4	0	0	0	0	0	0	2	0	0	0	0	250	12	22	9	4	3	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0		
11 SING BURI	0	17	0	0	2	0	2	0	0	8	0	0	0	20	7	27	11	0	0	0	0	0	0	0	0	3	0	0	0	3	0	0	0	6		3487
12 LOP BURI	4	144	1	0	5	6	0	0	16	0	0	2	0	5	5	48	0	11	0	0	0	0	0	2	0	0	0	0	0	3	0	0	0	0	0	5812
13 ANG THONG	0	25	0	0	1	0	0	0	1	0	0	0	0	0	0	40	0	86	0	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0	3679
14 SARABURI	6	798	5	7	8	0	0	7	49	10	17	25	11	2	11	122	11	42	8	0	21	6	3	3	0	26	0	0	0	3	0	3	0	0	0	11495
15 PHRA NAKHON SI AYUTTHAYA	16	345	0	0	2	13	6	0	2	6	0	0	6	0	177	0	7	7	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	12780
16 PATHUM THANI	5	127	5	0	0	11	0	0	8	0	0	10	0	75	176	1120	92	387	100	156	17	9	0	0	0	11	0	3	0	0	0	0	0	3	5	10255
17 NONTHABURI	0	32	0	0	0	2	0	2	0	0	5	0	0	854	215	1997	415	292	39	101	30	6	0	8	0	3	0	3	0	6	0	0	0	0	0	9953
18 SAMUT PRAKAN	19	123	2	0	2	13	0	5	11	0	6	3	0	225	284	759	452	577	144	194	83	24	8	12	0	5	4	3	0	3	9	0	0	3	0	38376
50 CHIANG RAI	0	10	0	0	0	0	0	0	9	2	0	2	0	2	2	2	6	0	2	0	4	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2516
51 MAE HONG SON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	265
52 CHIANG MAI	3	21	1	0	0	4	0	2	15	4	4	4	2	4	2	6	13	0	0	0	2	0	0	0	0	2	0	0	0	9	0	0	0	2	0	4658
53 PHAYAO	0	0	2	0	0	0	2	0	5	0	0	0	0	2	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	1630
54 NAN	0	0	0	0	0	0	0	0	2	0	0	9	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	639
55 LAMPHUN	0	0	0	0	0	0	0	0	5	0	0	5	0	2	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	5	0	0	0	0	0	3129
56 LAMPANG	2	2	0	0	0	0	2	0	9	2	0	0	0	0	2	0	2	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3206
57 PHARE	0	3	0	0	0	0	0	0	6	2	5	0	0	0	2	2	0	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2422
60 UTTARADIT	0	10	3	0	0	0	0	0	2	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	1564
61 SUKHOTHAI	2	13	4	0	2	0	0	0	12	0	2	2	0	0	2	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2587
62 TAK	3	11	1	0	0	2	0	0	9	0	0	0	0	0	2	0	9	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2071
63 PHITSANULOK	7	32	3	0	1	9	0	0	40	0	4	0	0	9	8	11	13	2	0	2	0	0	0	5	0	0	0	4	0	0	0	0	2	3		4349
64 KAMPHAENG PHET	0	11	0	0	6	9	0	0	8	4	4	1	2	21	11	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3283
65 PHICHIT	4	13	0	4	5	6	0	0	18	0	7	2	2	8	5	6	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	3161
66 PHETCHABUN	3	84	10	1	182	24	3	0	291	4	14	2	0	6	2	8	4	3	0	0	2	1	0	2	0	2	0	0	0	2	2	0	0	0	0	3628
67 NAKHON SAWAN	4	60	2	0	3	9	0	0	16	2	4	0	0	236	17	19	9	10	14	2	5	11	0	0	3	0	0	0	0	0	0	0	0	0	0	7279
68 UTHAI THANI	0	2	5	0	0	0	0	0	8	0	2	0	0	30	0	11	3	0	5	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1174
20 NAKHON NAYOK	0	42	0	0	0	5	0	0	0	0	2	2	4	13	3	0	0	6	0	8	0	0	0	2	0	0	0	0	0	0	0	0	0	0	3	5615
21 PRACHIN BURI	9	258	4	2	2	7	5	2	4	3	2	4	0	13	3	0	6	0	8	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	3	5121
22 CHACHOENGSAO	13	191	4	0	1	16	0	2	3	6	0	0	2	22	25	50	26	26	3	12	2	0	2	2	0	0	0	0	0	3	0	0	0	6	0	13795
23 CHON BURI	22	252	26	2	0	7	0	3	4	0	2	2	0	5	0	16	17	6	0	2	0	13	3	6	0	8	0	3	0	3	15	0	0	6	0	28539
24 RAYONG	9	74	2	0	0	7	0	3	4	0	2	2	0	0	0	16	17	6	0	2	0	17	2	3	0	3	0	2	0	0	0	0	0	0	2	8432
25 CHANTHABURI	21	83	2	0	0	3	0	3	2	0	0	9	0	13	0	15	0	6	0	3	0	6	0	7	0	0	0	0	0	4	0	0	0	0	0	6541
26 TRAT	0	15	0	0	0	4	0	4	3	3	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	3101
30 CHAIYAPHUM	27	1016	8	11	73	42	0	2	922	4	5	16	0	2	11	2	0	0	0	5	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	2948
31 YASOTHON	31	35	41	6	0	6	18	9	49	15	51	426	276	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1442
32 UBON RATCHATHANI	21	87	96	3	5	53	51	16	70	15	43	46	142	0	2	9	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2369
33 SI SA KET	22	42	256	0	0	3	0	0	15	5	10	1	7	10	2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1368
34 BURIRAM	0	1122	340	2	0	3	2	17	43	13	202	149	16	0	6	7	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2221
35 NAKHON RATCHASIMA	1167	0	167	40	15	215	6	44	664	23	41	78	8	35	20	23	32	10	9	0	14	5	4	5	0	0	2	3	0	9	4	0	5	0		8112
36 SURIN	420	62	0	3	2	3	5	5	39	20	16	302	12	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1497
40 NONG KHAI	2	10	1	0	12	1518	138	297	136	11	9	8	5	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2306
41 LOEI	4	31	2	9	0	540	0	10	454	1	12	11	0	1	3	4	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1481
42 UDON THANI	0	173	0	1319	514	0	65	686	1170	31	54	36	5	9	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4469
43 NAKHON PHANOM	0	9	2	145	1	77	0	245	35	7	8	4	235	4	0	9	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	893
44 SAKHON NAKHON	3	24	1	290	11	677	227	0	77	171	13	13	2	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1642
45 KHON KAEN	35	889	18	158	427	1064	37	98	0	609	1098	258	30	7	2	5	14	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6748
46 KALASIN	10	23	0	7	1	41	31	176	624	0	467	672	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2226
47 MAHA SARAKHAM	272	72	16	11	7	25	3	24	1198	483	0	666	19	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3022
48 ROI ET	105	46	302	10	17	33	4	19	365	606	681	0	8	0	0	9	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3091
49 MUKDAHAN	5	4	7	11	0	1	238	71	27	0	2	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	837
70 SUPHAN BURI	0	9	0	0	2	0	0	0	3	0	0	8	0	0	921	1333	22	275	0	5	0	0	2	3	0	0	0	0	2	0	2	0	0	0	3	8893
71 KANCHANABURI	0	18	0	0	0	0	0	0	0	6	0	5	0	760	0	1370	3443	132	58	71	18	15	0	15	0	6	2	2	0	3	6	0	0	0	3	8580
72 NAKHON PATHOM	4	61	5	0	0	5	0	0	0	0	0	6	0	1464	1855	0	7200	0	200	248	141	12	0	15	0	6	2	2	0	17	3	0	3	5		25082
73 RATCHABURI	8	21	0	0	0	0	0	0	16	6	0	6	0	115	3924	4635	0	768	1450	1331	234	35	2	6	0	5	0	0	9	5	3	0	3	0		17357
74 SAMUT SAKHON	0	33	5	0	0	0	0	5	0	0	0	6	0	213	78	840	0	825	286	54	11	32	8	2	9	0	3	0	0	6	3	0	3	0		9435
75 SAMUT SONGKHRAM	0	11	0	0	0	0	0	0	0	0	0	0	0	13	94	164	1798	1023	0	352	107	28	5	6	0	3	0	0	0	3	0	0	0	0		5092
76 PHETCHABURI	0	8	0	0	0	2	0	0	0	0	6	0	0	20	183	283	1614	213	258	0	2392	45	13	9	3	3	0	4	0	0	12	3	3	0	3	6871
77 PRACHUAP KHIRI KHAN	0	0	0	0	0	0	0	0	0	0	2	3	6	17	80	70	278	110	77	2342	0	713	52	43	12	29	5	33	4	2	32	0	3	3	8	5194
80 CHUMPHON	0	8	0	0	0	4	0	6	0	2	0	8	0	6	10	19	30	44	4	58	543	0	465	637	38	63	22	6	3	13	53	0	12	0	3	2586
81 RANONG	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	24	0	18	42	512	0	103	178	11	6	50	2	8	29	6	5	3	2	1089
82 SURATTHANI	0	0	0	0	0	7	2	2	2	0	0	0	0	0	0	2	6	8	0	14	51	623	131	0	14	1360	272	33	29	109	138	3	7	1	8	3056
83 PHANG NGA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	0	2	0	23	179	33	0	30	334	1351	1	20	7	0	0	1		2018
84 NAKHON SI THAMMARAT	0	4	0	0	0	0	0	0	0	0	0	0	0	4	0	14	9	0	0	9	37	67	18	1387	19	0	167	60	537	656	1130	10	48	40	17	4351
85 KRABI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	10	8	14	357	331	183	0	203	25	449	61	0	1	0	0	1674
86 PHUKET	0	2	0	0	0	2	0	0	0	0	2	5	0	0	2	2	5	0	0	0	20	6	4	42	10	538	42	15	0	508	789	37	13	21	17	2014
90 PHATTHALUNG	0	0	0	0	0	0	0	4	0	0	0	6	0	0	0	0	0	4	0	4	2	8	6	88	14	736	500	93	425	0	359	0	7	7	8	2065
91 TRANG	0	2	0	0	0	0	0	0	2	0	0	0	0	4	0	11	10	0	0	4	15	32	51	161	24	1160	69	69	790	395	0	863	779	367	217	2314
92 SONGKHLA	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	4	0	0	0	1	0	7	0	25	0	0	34	0	760	0	11	11	2	5266
93 SATUN	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0	18	0	0	0	0	0	8	0	49	2	4	6	9	756	6	0	1173	535		893
94 PATTANI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	3	2	46	4	1	1	7	21	0	1185	0	19	2628
95 YALA	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	11	3	2	7	2	25	0	4	21	2	269	7	600	146	0		1376
96 NARATHIWAT																																				1239
TOTAL	2461	8481	1511	2094	1379	4672	878	1828	6744	2209	2872	3004	830	8679	10272	22254	20226	11831	4490	6541	4920	2538	1143	3216	1974	4600	1631	2067	1900	2277	4724	990	2723	1831	919	488232

Appendix 6.17 GENERATION AND ATTRACTION OF INTER-CHANGWAT TRIPS — 1990

GENERATION (Unit : Trip/day)

Code	Changwat name	PC	LB	MB	HB	PP	PT	LT	NT	HT	TOTAL
1	BANGKOK METROPOLITAN	34676	7341	605	10774	14839	8593	1978	10231	15993	105030
10	CHAI NAT	811	70	9	119	1108	265	70	361	220	2917
11	SING BURI	797	54	66	168	1133	361	78	368	462	3407
12	LOP BURI	1008	95	87	452	2220	631	141	541	637	5812
13	ANG THONG	1107	380	129	329	354	173	166	416	625	3679
14	SARABURI	1198	231	101	272	2597	1216	117	827	4936	11495
15	PHRA NAKHON SI AYUTTHAYA	3235	2079	169	251	1367	762	318	2099	2510	12780
16	PATHUM THANI	2628	172	16	212	1706	802	422	1626	2671	10255
17	NONTHABURI	3089	544	23	316	1660	1018	223	1617	1463	9953
18	SAMUT PRAKAN	14937	828	858	3360	4680	3162	489	3743	6319	38376
50	CHAING RAI	524	101	6	156	1181	154	20	181	192	2516
51	MAE HONG SON	47	16	0	15	103	21	4	31	28	265
52	CHIANG MAI	1074	395	155	231	1243	1013	41	298	208	4658
53	PHAYAO	270	50	6	47	812	159	30	168	88	1630
54	NAN	81	16	0	51	232	143	17	39	60	639
55	LAMPHUN	375	359	136	26	946	861	35	184	207	3129
56	LAMPANG	545	82	12	107	1507	439	48	275	191	3206
57	PHRAE	683	70	19	67	1042	182	91	191	77	2422
60	UTTARADIT	382	37	8	126	476	72	36	240	187	1564
61	SUKHOTHAI	486	68	67	129	1005	204	55	252	321	2587
62	TAK	471	83	21	117	641	388	13	173	164	2071
63	PHITSANULOK	1037	56	41	406	1861	265	44	360	278	4349
64	KAMPHAENG PHET	476	80	20	95	1449	533	38	276	316	3283
65	PHICHIT	440	47	14	303	1528	306	29	206	288	3161
66	PHETCHABUN	907	120	62	257	979	611	74	300	318	3628
67	NAKHON SAWAN	1365	129	60	593	2798	645	92	606	991	7279
68	UTHAI THANI	380	56	5	78	345	76	15	101	118	1174
20	NAKHON NAYOK	862	91	28	127	1151	798	84	265	2209	5615
21	PRACHIN BURI	1001	133	20	219	1471	911	122	457	787	5121
22	CHACHOENGSAO	2148	386	25	331	3958	1446	155	1199	4137	13795
23	CHON BURI	5039	1222	186	817	7694	2939	170	1443	9029	28539
24	RAYONG	1524	1043	48	277	2838	888	140	531	1143	8432
25	CHANTHABURI	1240	812	36	253	2004	711	103	592	790	6541
26	TRAT	518	339	3	76	1020	656	20	219	250	3101
30	CHAIYAPHUM	299	41	82	193	383	1030	103	315	502	2948
31	YASOTHON	161	26	52	32	75	641	66	178	211	1442
32	UBON RATCHATHANI	284	143	8	173	175	768	78	191	549	2369
33	SI SA KET	258	37	5	67	121	497	65	124	194	1368
34	BURIRAM	470	91	18	129	407	378	23	240	465	2221
35	NAKHON RATCHASIMA	1206	162	60	734	1987	994	180	975	1814	8112
36	SURIN	171	81	6	70	218	461	79	172	239	1497

ATTRACTION (Unit : Trip/day)

Code	Changwat name	PC	LB	MB	HB	PP	PT	LT	NT	HT	TOTAL
1	BANGKOK METROPOLITAN	34547	4195	1332	9101	16032	7328	1274	9943	15812	98564
10	CHAI NAT	649	73	9	430	986	197	38	279	312	2973
11	SING BURI	829	34	72	124	1000	247	79	440	412	3237
12	LOP BURI	1062	847	102	504	2276	713	120	747	552	6923
13	ANG THONG	782	421	106	428	351	374	161	370	390	3383
14	SARABURI	2741	860	44	270	2218	1433	206	1298	3296	12366
15	PHRA NAKHON SI AYUTTHAYA	3548	2397	145	356	1293	815	367	2207	2214	13353
16	PATHUM THANI	1068	108	16	120	1637	902	395	1129	3892	9147
17	NONTHABURI	2138	229	23	202	1457	927	142	1346	1248	7712
18	SAMUT PRAKAN	15258	991	257	3982	5053	3407	554	4599	8537	42638
50	CHAING RAI	548	94	12	182	1174	226	23	188	126	2573
51	MAE HONG SON	29	5	0	12	92	15	1	40	26	220
52	CHIANG MAI	1407	493	144	277	2045	1051	45	331	213	6006
53	PHAYAO	276	47	0	51	1015	124	19	185	73	1790
54	NAN	143	11	4	82	276	100	38	42	40	736
55	LAMPHUN	463	343	150	16	813	1025	33	145	134	3122
56	LAMPANG	448	70	3	87	1220	207	53	178	190	2456
57	PHRAE	539	65	4	64	816	210	76	215	106	2095
60	UTTARADIT	570	24	28	40	531	73	22	188	160	1635
61	SUKHOTHAI	637	70	60	182	1111	216	47	234	307	2754
62	TAK	452	83	18	96	701	345	3	167	167	2032
63	PHITSANULOK	1127	52	59	448	1921	293	65	409	539	4913
64	KAMPHAENG PHET	465	58	25	143	1489	541	31	326	354	3433
65	PHICHIT	515	65	12	313	1614	288	66	190	370	3423
66	PHETCHABUN	938	125	53	271	964	642	67	321	312	3693
67	NAKHON SAWAN	1029	110	28	409	2346	609	109	671	930	6230
68	UTHAI THANI	380	56	2	205	338	81	17	101	159	1339
20	NAKHON NAYOK	1254	103	29	74	986	585	336	318	1903	5588
21	PRACHIN BURI	933	243	41	361	1481	863	252	379	802	5155
22	CHACHOENGSAO	2333	775	100	416	3776	2617	312	1165	4003	15487
23	CHON BURI	4724	1370	216	803	5882	2961	277	1667	8544	26644
24	RAYONG	1681	786	72	253	2919	964	55	561	1416	8807
25	CHANTHABURI	946	481	27	254	1820	1079	109	526	731	5973
26	TRAT	536	659	2	61	1298	379	25	215	327	3502
30	CHAIYAPHUM	316	28	83	179	392	727	140	324	516	2735
31	YASOTHON	151	43	28	22	91	619	93	165	208	1420
32	UBON RATCHATHANI	390	65	23	143	202	798	67	217	292	2197
33	SI SA KET	152	108	9	59	128	493	50	109	161	1269
34	BURIRAM	334	128	23	160	538	423	81	264	510	2461
35	NAKHON RATCHASIMA	1204	146	96	675	2109	1018	166	787	2280	8481
36	SURIN	225	74	20	133	239	407	57	181	175	1511

GENERATION, ATTRACTION (Unit : Tripend/day)

Code	Changwat name	PC	LB	MB	HB	PP	PT	LT	NT	HT	TOTAL
1	BANGKOK METROPOLITAN	69223	11536	1937	19875	29871	15921	3252	20174	31805	203594
10	CHAI NAT	1460	143	18	549	2094	462	108	524	532	5890
11	SING BURI	1626	88	138	292	2133	608	167	808	874	6724
12	LOP BURI	2070	942	189	956	4496	1344	261	1288	1189	12735
13	ANG THONG	1889	801	235	757	705	547	327	786	1015	7062
14	SARABURI	3939	1091	145	542	4815	2649	323	2125	8231	23860
15	PHRA NAKHON SI AYUTTHAYA	6883	4475	315	617	2660	1577	685	4396	4724	26133
16	PATHUM THANI	3686	280	32	332	3343	1704	817	2755	6563	19402
17	NONTHABURI	5227	773	46	518	3117	1945	365	2963	2711	17665
18	SAMUT PRAKAN	30195	1819	1115	7342	9733	6569	1043	8342	14856	81014
50	CHAING RAI	1072	195	18	338	2355	380	43	369	319	5089
51	MAE HONG SON	76	21	0	27	195	36	5	71	54	485
52	CHIANG MAI	2481	888	299	508	3288	2064	86	629	421	10664
53	PHAYAO	546	97	6	98	1827	283	49	353	161	3420
54	NAN	224	27	4	133	508	243	55	81	100	1375
55	LAMPHUN	838	702	286	42	1769	1886	68	329	341	6251
56	LAMPANG	993	152	15	194	2727	646	101	453	381	5662
57	PHRAE	1222	135	23	131	1858	392	167	406	183	4517
60	UTTARADIT	952	61	36	165	1007	145	58	428	347	3200
61	SUKHOTHAI	1023	138	117	311	2116	420	102	486	628	5341
62	TAK	923	166	39	213	1342	733	16	340	331	4103
63	PHITSANULOK	2164	108	100	854	3782	559	109	769	817	9262
64	KAMPHAENG PHET	942	138	45	238	2938	1074	84	602	670	6716
65	PHICHIT	955	112	26	616	3142	594	85	396	658	6584
66	PHETCHABUN	1845	245	115	528	1943	1253	141	621	630	7321
67	NAKHON SAWAN	2394	248	88	1002	5144	1254	201	1277	1901	13509
68	UTHAI THANI	760	112	7	283	683	157	32	202	277	2513
20	NAKHON NAYOK	2116	194	57	201	2137	1383	420	583	4112	11203
21	PRACHIN BURI	1934	376	61	580	2952	1574	374	836	1589	10276
22	CHACHOENGSAO	4481	1161	125	747	7744	4063	467	2354	8140	29282
23	CHON BURI	9763	2792	402	1620	13576	5900	447	3010	17573	55183
24	RAYONG	3205	1829	120	530	5757	1852	195	1192	2559	17239
25	CHANTHABURI	2186	1293	63	507	3824	1790	212	1118	1521	12514
26	TRAT	1054	998	5	137	2318	1035	45	434	577	6603
30	CHAIYAPHUM	645	69	165	372	775	1757	243	639	1018	5683
31	YASOTHON	312	69	80	54	166	1260	159	343	419	2862
32	UBON RATCHATHANI	674	208	31	316	377	1566	145	408	841	4566
33	SI SA KET	410	145	14	126	249	990	115	233	355	2637
34	BURIRAM	804	219	41	289	945	801	104	504	975	4682
35	NAKHON RATCHASIMA	2410	308	156	1409	4096	2012	346	1762	4094	16593
36	SURIN	396	155	26	203	457	868	136	353	414	3008

GENERATION (Unit : Trip/day)

Code	Changwat name	PC	LB	MB	HB	PP	PT	LT	NT	HT	TOTAL
40	NONG KHAI	430	81	7	123	164	897	41	297	356	2306
41	LOEI	200	14	20	118	89	657	41	170	172	1481
42	UDON THANI	724	180	21	392	259	1621	136	443	693	4469
43	NAKHON PHANOM	133	58	9	77	92	355	23	60	86	893
44	SAKHON NAKHON	277	29	51	138	117	589	37	184	220	1642
45	KHON KAEN	969	156	146	483	413	2590	229	757	1005	6748
46	KALASIN	314	32	39	233	159	918	29	197	305	2226
47	MAHA SARAKHAM	398	88	113	236	221	1230	96	408	232	3022
48	ROI ET	460	28	65	212	86	1246	111	423	460	3091
49	MUKDAHAN	39	70	8	50	66	357	34	78	135	837
70	SUPHAN BURI	2088	653	71	662	1194	939	277	1640	1469	8893
71	KANCHANABURI	963	184	180	250	2265	1003	372	435	2927	8580
72	NAKHON PATHOM	5917	486	143	494	4482	3105	587	2623	7243	25082
73	RATCHABURI	2866	380	263	413	3287	2877	415	1089	5737	17357
74	SAMUT SAKHON	2652	201	94	84	1765	879	169	1444	2145	9433
75	SAMUT SONGKHRAM	593	94	59	330	1289	742	128	426	1005	6748
76	PHETCHABURI	1848	262	71	230	1515	1079	180	667	1019	6871
77	PRACHUAP KHIRI KHAN	1124	122	30	447	1184	878	185	546	679	5194
80	CHUMPHON	423	83	42	237	769	271	31	242	488	2586
81	RANONG	217	34	7	75	383	104	16	81	172	1089
82	SURATTHANI	652	115	14	140	945	440	39	282	429	3056
83	PHANG NGA	331	111	59	75	462	539	43	162	236	2018
84	NAKHON SI THAMMARAT	966	170	15	213	1263	830	41	384	469	4351
85	KRABI	291	59	48	54	642	217	11	146	206	1674
86	PHUKET	488	60	10	124	480	399	18	150	256	2014
90	PHATTHALUNG	472	39	13	83	538	594	32	165	129	2065
91	TRANG	617	112	22	132	647	369	30	177	229	2314
92	SONGKHLA	1598	215	27	202	923	1169	31	414	687	5266
93	SATUN	257	19	0	44	258	130	2	80	103	893
94	PATTANI	659	155	29	111	885	397	35	157	200	2628
95	YALA	248	82	22	90	613	78	23	90	122	1376
96	NARATHIWAT	265	77	10	48	31	524	15	52	217	1239
	TOTAL	117689	22646	4980	29043	100811	64197	9559	46863	92444	488232

ATTRACTION (Unit : Trip/day)

Code	Changwat name	PC	LB	MB	HB	PP	PT	LT	NT	HT	TOTAL
40	NONG KHAI	393	34	7	129	177	825	51	183	255	2094
41	LOEI	198	26	12	120	90	582	57	174	120	1379
42	UDON THANI	771	104	15	448	318	1773	121	478	644	4672
43	NAKHON PHANOM	161	56	14	103	65	333	20	68	78	878
44	SAKHON NAKHON	276	60	43	127	112	713	38	220	239	1828
45	KHON KAEN	923	250	197	490	491	2558	180	691	976	6744
46	KALASIN	284	37	47	241	171	826	39	247	307	2209
47	MAHA SARAKHAM	345	70	92	191	144	1215	91	453	271	2872
48	ROI ET	441	14	70	215	216	1186	122	359	371	3004
49	MUKDAHAN	58	45	2	68	63	353	32	65	144	830
70	SUPHAN BURI	1790	970	10	928	1187	1028	133	964	1669	8679
71	KANCHANABURI	1445	551	178	266	2512	1623	354	440	2903	10272
72	NAKHON PATHOM	5975	895	44	494	3357	2315	402	2618	6154	22284
73	RATCHABURI	2198	264	149	434	4860	3284	655	1321	6359	20026
74	SAMUT SAKHON	3245	373	110	117	2542	1092	332	1256	2764	11831
75	SAMUT SONGKHRAM	683	136	61	322	1304	617	123	386	858	4490
76	PHETCHABURI	1558	135	27	317	1606	1224	230	575	969	6541
77	PRACHUAP KHIRI KHAN	1080	111	34	399	1191	680	145	478	822	4920
80	CHUMPHON	443	74	10	220	671	331	42	276	471	2538
81	RANONG	162	37	2	68	353	195	19	92	273	1143
82	SURATTHANI	628	119	28	265	952	451	40	228	505	3216
83	PHANG NGA	418	56	9	60	641	391	15	152	232	1974
84	NAKHON SI THAMMARAT	997	162	19	202	894	1259	48	452	567	4600
85	KRABI	298	80	20	35	561	282	22	152	181	1631
86	PHUKET	476	123	66	168	428	469	42	138	219	2067
90	PHATTHALUNG	413	73	23	75	708	325	17	150	116	1900
91	TRANG	609	71	14	68	758	328	15	183	211	2277
92	SONGKHLA	1394	205	6	225	1246	744	54	372	478	4724
93	SATUN	256	28	19	47	345	83	5	118	89	990
94	PATTANI	638	158	36	119	679	707	28	173	195	2723
95	YALA	635	93	27	83	600	298	16	108	171	1831
96	NARATHIWAT	199	44	1	52	238	189	16	54	126	919
	TOTAL	117689	22646	4980	29043	100811	64197	9559	46863	92444	488232

GENERATION, ATTRACTION (Unit : Tripend/day)

Code	Changwat name	PC	LB	MB	HB	PP	PT	LT	NT	HT	TOTAL
40	NONG KHAI	823	155	14	252	341	1722	92	390	611	4400
41	LOEI	398	40	32	238	179	1239	98	344	292	2860
42	UDON THANI	1495	284	36	840	577	3394	257	921	1337	9141
43	NAKHON PHANOM	294	114	23	180	157	688	43	128	164	1771
44	SAKHON NAKHON	553	89	94	265	229	1302	75	404	459	3470
45	KHON KAEN	1892	414	343	973	884	5148	409	1448	1981	13492
46	KALASIN	608	69	86	474	330	1744	68	444	612	4435
47	MAHA SARAKHAM	743	158	205	427	365	2445	187	861	503	5894
48	ROI ET	901	42	135	427	302	2432	233	782	831	6095
49	MUKDAHAN	97	115	10	112	134	710	66	144	279	1667
70	SUPHAN BURI	3878	1623	81	1490	2381	1967	410	2604	3138	17572
71	KANCHANABURI	2408	735	358	516	4778	2626	726	875	5830	18852
72	NAKHON PATHOM	11892	1383	187	988	7839	5420	989	5241	13397	47336
73	RATCHABURI	5666	644	512	847	8147	6161	1101	2410	12096	37583
74	SAMUT SAKHON	5897	574	204	201	4307	1971	501	2700	4909	21264
75	SAMUT SONGKHRAM	1276	230	120	652	2593	1359	251	812	2289	9582
76	PHETCHABURI	3406	397	98	547	3021	2303	410	1242	1988	13412
77	PRACHUAP KHIRI KHAN	2204	233	64	826	2375	1558	330	1023	1501	10114
80	CHUMPHON	866	157	52	457	1440	602	73	518	959	5124
81	RANONG	379	71	29	158	654	295	28	173	445	2232
82	SURATTHANI	1280	234	42	405	1897	891	79	510	934	6272
83	PHANG NGA	749	167	68	135	1103	930	58	314	468	3992
84	NAKHON SI THAMMARAT	1963	332	34	415	2157	2089	89	836	1036	8951
85	KRABI	589	139	68	89	1203	499	33	298	387	3305
86	PHUKET	964	212	76	232	908	868	60	288	475	4081
90	PHATTHALUNG	885	112	36	158	1246	919	49	315	245	3965
91	TRANG	1226	183	36	200	1405	697	45	360	439	4591
92	SONGKHLA	2992	420	33	427	2169	1913	85	786	1165	9990
93	SATUN	513	47	19	91	603	213	7	198	192	1883
94	PATTANI	1297	313	65	230	1564	1104	63	330	385	5351
95	YALA	883	175	49	181	1113	376	39	198	293	3207
96	NARATHIWAT	464	121	11	100	269	713	31	106	343	2158
	TOTAL	235378	45292	9960	58086	201622	128394	19138	93726	184888	976464

Appendix 6.18   DIVISIONAL OD TABLES — 1990

O-D TABLE (1990)   VEHICLE TYPE : PC

	N1	N2	N3	NE1	NE2	NE3	NE4	C1	C2	C3	BMR	S1	S2	S3	TOTAL
N1	961	611	146	8	4	2	13	39	19	4	232	0	0	2	2011
N2	664	919	199	14	2	6	6	23	8	10	87	0	0	0	1940
N3	169	230	2257	61	2	2	31	723	22	26	292	0	2	0	3817
NE1	5	8	71	876	651	239	316	12	2	10	91	0	0	0	2291
NE2	0	0	6	690	331	110	20	2	2	1	23	0	2	0	1193
NE3	1	1	9	233	117	568	135	5	2	4	86	0	0	0	1163
NE4	1	3	43	271	41	131	954	109	58	31	499	0	2	0	2146
C1	99	45	807	3	4	5	73	2931	135	337	1128	6	0	0	5559
C2	36	28	23	5	1	10	62	156	5926	105	5963	11	0	3	12332
C3	33	26	35	8	0	2	19	327	30	5016	8216	80	17	15	13824
BMR	372	203	437	66	15	59	480	2371	6193	8036	45350	110	76	71	63899
S1	4	0	0	2	2	0	0	2	1	166	173	517	414	68	1292
S2	0	2	2	0	0	0	0	2	24	33	415	1536	674	2693	
S3	2	0	0	0	0	0	0	1	7	43	94	749	2600	3499	
TOTAL	2347	2076	4035	2237	1182	1134	2109	6690	12407	13785	62221	1233	2198	3435	117689

O-D TABLE (1990)   VEHICLE TYPE : PT

	N1	N2	N3	NE1	NE2	NE3	NE4	C1	C2	C3	BMR	S1	S2	S3	TOTAL
N1	1976	240	69	8	6	7	4	16	0	2	7	0	0	0	2334
N2	193	360	83	5	2	7	7	20	12	2	19	0	0	0	710
N3	55	50	1195	307	6	15	93	433	20	24	110	0	0	0	2308
NE1	16	12	327	2728	1479	527	927	13	31	8	30	0	0	0	6098
NE2	0	2	7	1525	958	867	37	4	2	0	14	0	0	0	3316
NE3	0	2	10	630	527	1526	394	2	8	10	43	0	0	0	3152
NE4	0	10	58	897	63	413	866	218	132	34	152	0	0	0	2863
C1	9	19	441	9	3	0	78	1303	208	339	783	0	2	0	3194
C2	9	2	13	7	4	2	102	622	5254	87	2243	0	0	2	8349
C3	6	2	19	2	0	0	16	295	98	4275	3587	115	26	12	8453
BMR	30	34	101	10	0	32	45	355	3455	4520	8907	39	15	16	17559
S1	0	0	0	0	2	0	4	134	48	307	261	55	815		
S2	2	0	0	2	0	0	2	0	8	16	419	1468	435	2354	
S3	0	0	0	0	0	0	0	2	2	12	91	557	1826	2892	
TOTAL	2298	733	2325	6128	3050	3095	2575	3280	9248	9145	15971	973	2729	2346	64197

O-D TABLE (1990)   VEHICLE TYPE : LB

	N1	N2	N3	NE1	NE2	NE3	NE4	C1	C2	C3	BMR	S1	S2	S3	TOTAL
N1	746	89	13	0	0	1	1	0	2	0	0	0	0	0	852
N2	110	141	8	1	0	0	1	3	0	0	8	0	0	2	274
N3	13	2	314	3	0	2	2	105	2	0	11	0	0	0	454
NE1	0	0	2	304	57	0	21	1	12	0	1	0	0	0	438
NE2	0	0	0	97	119	44	7	0	3	0	0	0	0	0	270
NE3	0	1	0	7	41	131	43	0	6	0	5	0	0	0	234
NE4	0	0	9	34	5	36	231	3	42	1	14	0	0	0	375
C1	2	4	105	1	1	0	8	274	145	53	42	0	0	0	635
C2	2	0	2	0	9	9	27	22	3250	5	685	3	3	0	4026
C3	33	0	0	0	0	0	0	39	4	1357	2715	3	0	3	1154
BMR	0	4	0	2	0	2	35	1542	1142	3550	3264	27	3	3	9571
S1	0	0	0	0	0	0	0	0	9	19	32	83	87	2	232
S2	5	0	0	0	0	5	0	0	0	0	5	94	292	140	541
S3	0	0	0	0	0	0	0	0	0	0	9	20	107	451	587
TOTAL	911	241	453	458	272	230	376	1989	4617	4985	6791	230	492	601	22646

O-D TABLE (1990)   VEHICLE TYPE : LT

	N1	N2	N3	NE1	NE2	NE3	NE4	C1	C2	C3	BMR	S1	S2	S3	TOTAL
N1	75	43	8	0	0	0	0	0	1	0	0	0	0	1	128
N2	45	113	26	0	0	0	0	0	1	0	9	0	0	0	193
N3	6	18	127	23	3	0	17	38	0	4	16	1	0	0	253
NE1	0	0	10	239	79	49	118	2	1	2	2	0	0	0	502
NE2	0	0	0	71	54	39	0	0	0	0	0	0	0	0	164
NE3	0	0	1	54	39	170	40	0	6	0	10	0	0	0	320
NE4	0	0	14	50	2	72	167	42	16	12	10	0	0	0	385
C1	0	0	66	0	0	0	0	49	247	29	65	48	0	0	513
C2	0	4	0	0	0	0	0	43	48	420	5	268	0	0	794
C3	0	0	14	0	0	0	0	56	11	1271	697	16	3	3	2071
BMR	0	0	3	3	0	0	10	136	881	800	2029	3	3	0	3868
S1	0	0	0	0	0	0	0	0	0	9	0	44	28	1	86
S2	0	0	0	0	0	0	0	0	0	0	10	30	72	31	143
S3	0	0	0	0	0	0	0	0	0	0	0	0	38	100	138
TOTAL	132	178	269	449	180	332	414	569	1365	2169	3099	94	142	136	9539

O-D TABLE (1990)   VEHICLE TYPE : NB

	N1	N2	N3	NE1	NE2	NE3	NE4	C1	C2	C3	BMR	S1	S2	S3	TOTAL
N1	290	4	3	0	0	0	0	3	0	0	3	0	0	0	303
N2	2	20	9	0	0	0	2	6	0	0	0	0	0	0	39
N3	3	18	141	21	0	0	29	11	0	0	2	0	0	0	225
NE1	0	0	23	178	12	17	69	0	1	0	0	0	0	0	500
NE2	0	0	0	15	86	13	0	0	0	0	0	0	0	0	114
NE3	0	0	0	14	15	88	13	0	0	0	0	0	0	0	130
NE4	0	0	8	79	0	6	43	1	17	0	12	0	0	0	166
C1	1	0	11	0	0	0	26	185	32	43	30	0	0	0	328
C2	0	0	2	0	0	0	30	30	161	8	133	0	0	0	346
C3	0	1	2	0	0	0	0	39	8	599	332	0	0	0	972
BMR	1	5	18	9	0	0	10	0	268	164	1264	0	0	0	1739
S1	0	0	0	0	0	6	0	0	0	6	40	11	0	63	
S2	0	0	0	0	0	0	0	0	0	0	20	106	22	154	
S3	0	0	0	0	0	0	0	0	0	0	0	11	90	101	
TOTAL	297	48	217	316	113	130	222	257	487	811	1782	60	128	112	4580

O-D TABLE (1990)   VEHICLE TYPE : MT

	N1	N2	N3	NE1	NE2	NE3	NE4	C1	C2	C3	BMR	S1	S2	S3	TOTAL
N1	460	180	59	4	2	0	3	18	6	6	30	0	0	0	788
N2	131	498	124	3	0	2	12	20	3	12	14	0	0	0	819
N3	30	91	863	53	0	3	35	358	18	20	93	3	0	0	1567
NE1	1	0	67	876	337	172	251	19	6	7	32	0	0	0	1778
NE2	0	0	1	327	224	138	11	0	9	0	10	0	0	0	726
NE3	0	0	2	203	172	348	141	10	3	1	30	0	0	0	916
NE4	5	2	41	221	33	136	638	104	82	15	369	0	0	0	1702
C1	10	13	369	25	11	2	165	1203	152	249	480	3	0	0	2888
C2	7	4	19	3	3	0	85	148	2612	49	1785	3	3	0	4706
C3	0	0	17	0	0	0	2	284	10	1612	3214	133	19	16	7307
BMR	50	30	97	26	0	59	210	1360	1901	4761	12702	10	23	25	21281
S1	0	0	0	0	2	0	0	0	8	83	58	214	185	25	605
S2	0	0	0	0	0	0	0	6	5	17	18	153	594	226	1019
S3	0	0	0	2	0	0	0	4	6	6	20	17	253	654	958
TOTAL	694	818	1647	1796	784	860	1556	3535	4821	6841	20891	556	1077	946	46863

O-D TABLE (1990)   VEHICLE TYPE : HB

	N1	N2	N3	NE1	NE2	NE3	NE4	C1	C2	C3	BMR	S1	S2	S3	TOTAL
N1	65	87	25	15	0	0	12	0	4	0	171	0	0	0	379
N2	105	123	100	4	0	0	2	0	0	0	113	0	0	0	447
N3	42	54	657	49	0	0	48	211	0	0	246	0	0	0	1307
NE1	8	5	31	468	323	78	118	9	0	0	189	0	0	0	1229
NE2	0	0	0	300	168	76	3	0	0	0	74	0	0	0	621
NE3	1	0	0	76	66	82	74	1	4	0	180	0	0	0	484
NE4	0	0	42	163	3	87	330	55	79	0	364	0	0	3	1126
C1	7	0	327	6	0	0	17	568	54	130	513	0	0	0	1682
C2	0	0	0	0	0	6	97	75	672	0	1348	0	0	0	2100
C3	4	0	2	0	0	0	0	73	0	712	1876	339	0	6	2812
BMR	158	150	269	168	102	110	386	950	1509	2187	8753	83	68	47	15240
S1	0	0	0	0	0	0	0	0	0	0	111	70	171	80	452
S2	0	0	0	0	0	0	0	0	0	0	73	156	218	126	578
S3	0	0	0	0	0	0	0	0	0	0	41	19	127	399	586
TOTAL	392	419	1453	1249	662	439	1147	1912	2222	3140	14016	568	493	601	29043

O-D TABLE (1990)   VEHICLE TYPE : HT

	N1	N2	N3	NE1	NE2	NE3	NE4	C1	C2	C3	BMR	S1	S2	S3	TOTAL
N1	169	71	41	2	0	0	2	234	7	18	78	0	0	12	631
N2	88	119	128	2	0	0	4	60	27	6	168	0	0	3	605
N3	20	76	683	62	5	0	41	424	18	67	284	0	2	3	1685
NE1	0	2	51	566	379	84	66	42	95	61	153	0	0	0	2102
NE2	0	0	6	475	166	182	18	13	58	30	154	0	0	0	1102
NE3	0	0	2	171	191	260	162	48	114	37	429	0	0	0	1414
NE4	0	0	34	427	72	171	1016	283	242	319	444	4	0	0	3020
C1	123	53	529	59	29	92	247	1265	473	1074	3352	15	33	18	7364
C2	4	12	31	20	26	46	213	572	6801	184	10382	35	12	27	18345
C3	8	14	111	26	30	14	341	1531	293	4855	8890	206	33	42	16597
BMR	143	146	421	189	105	174	764	1149	9499	9350	13762	252	176	184	33834
S1	0	6	4	8	4	0	9	0	8	44	131	316	280	240	1089
S2	0	0	4	4	0	0	0	8	12	27	126	381	654	179	1355
S3	8	8	8	0	0	0	4	0	43	25	359	76	258	669	1458
TOTAL	563	505	2049	2011	1003	1032	3181	5640	17726	16184	38397	1249	1410	1194	92444

O-D TABLE (1990)   VEHICLE TYPE : PP

	N1	N2	N3	NE1	NE2	NE3	NE4	C1	C2	C3	BMR	S1	S2	S3	TOTAL
N1	2134	1181	306	0	0	2	7	44	23	16	79	4	2	2	3799
N2	1296	1689	509	0	2	2	9	59	24	28	121	0	2	2	3743
N3	317	513	4282	76	4	10	136	1571	34	123	385	4	2	0	7463
NE1	0	0	56	328	231	63	98	43	26	15	120	2	0	0	982
NE2	0	0	0	237	198	81	14	5	10	9	44	0	0	0	598
NE3	0	0	2	13	42	219	82	12	24	5	66	0	2	0	457
NE4	5	6	167	50	14	68	937	542	270	126	747	13	0	10	2995
C1	87	125	1684	44	3	17	591	5284	432	849	1083	2	0	0	10081
C2	36	68	96	55	17	48	386	291	12289	177	6661	12	4	6	20146
C3	38	38	185	12	0	13	134	729	183	5983	4834	284	21	2	12456
BMR	255	188	513	164	76	110	870	580	4935	6528	14653	77	55	28	29132
S1	2	2	0	0	6	2	8	2	0	8	202	117	785	879	84	2097
S2	0	2	0	4	0	0	4	2	0	44	30	42	701	1800	909	3494
S3	0	0	0	0	0	2	2	0	4	14	36	10	513	2667	3248
TOTAL	4170	3812	7800	1023	593	637	3278	9161	18262	14204	28978	1294	3280	3716	100811

O-D TABLE (1990)   VEHICLE TYPE : TOTAL

	N1	N2	N3	NE1	NE2	NE3	NE4	C1	C2	C3	BMR	S1	S2	S3	TOTAL
N1	6876	2506	670	37	12	12	42	353	62	45	620	4	2	17	11258
N2	2634	3982	1186	29	6	17	43	191	75	58	539	0	2	9	8771
N3	655	1052	10519	655	20	32	432	3874	111	264	1439	8	6	9	19079
NE1	30	27	638	6563	3596	1229	2567	141	174	103	628	2	0	0	15720
NE2	0	2	20	3737	2307	1250	110	21	84	43	325	0	2	0	7904
NE3	2	4	26	1401	1210	3392	1087	78	167	62	833	0	2	0	8270
NE4	11	21	419	2285	233	1120	5182	1357	958	541	2611	17	7	21	14778
C1	314	259	4339	147	47	118	1314	13256	1660	3140	7459	26	37	18	32164
C2	96	118	171	105	63	121	1045	1946	37285	620	39448	60	22	38	71144
C3	122	81	385	48	30	29	512	3376	637	25671	36361	976	119	99	68446
BMR	1009	760	1859	637	298	546	2810	8143	29783	40336	110204	344	419	374	198129
S1	6	2	4	13	15	17	12	12	77	795	820	2471	2183	301	6731
S2	7	6	16	21	8	0	5	6	21	112	333	2359	6740	2742	12371
S3	12	8	8	2	0	2	6	0	59	54	520	327	3013	9486	13167
TOTAL	11801	8830	20248	15667	7839	7890	15186	33067	71156	71864	192146	6897	12549	13087	488232

Appendix 6.19   REGIONAL OD TABLES — 1990

VEHICLE TYPE : PC

	N	NE	C	S	TOTAL
N	6156	151	1485	6	7798
NE	148	5636	945	4	6793
C	2144	311	92270	389	95614
S	10	4	403	7067	7484
TOTAL	8458	6662	95103	7466	117689

VEHICLE TYPE : PT

	N	NE	C	S	TOTAL
N	4221	467	664	0	5352
NE	444	14064	721	0	15229
C	685	310	36331	229	37555
S	6	8	228	5819	6061
TOTAL	5356	14849	37944	6048	64197

VEHICLE TYPE : LB

	N	NE	C	S	TOTAL
N	1436	11	131	2	1580
NE	12	1217	88	0	1317
C	152	103	18089	45	18389
S	5	5	74	1276	1360
TOTAL	1605	1336	18382	1323	22646

VEHICLE TYPE : LT

	N	NE	C	S	TOTAL
N	461	43	69	2	575
NE	25	1243	103	0	1371
C	93	113	7012	28	7246
S	0	6	19	342	367
TOTAL	579	1405	7203	372	9559

VEHICLE TYPE : MB

	N	NE	C	S	TOTAL
N	490	52	25	0	567
NE	31	648	31	0	710
C	41	75	3269	0	3385
S	0	6	12	300	318
TOTAL	562	781	3337	300	4980

VEHICLE TYPE : MT

	N	NE	C	S	TOTAL
N	2436	117	618	3	3174
NE	122	4284	716	0	5122
C	601	591	34528	265	35985
S	0	4	227	2351	2582
TOTAL	3159	4996	36089	2691	46863

VEHICLE TYPE : HB

	N	NE	C	S	TOTAL
N	1258	130	745	0	2133
NE	87	2415	955	3	3460
C	919	952	19620	343	21834
S	0	0	300	1316	1616
TOTAL	2264	3497	21620	1662	29043

VEHICLE TYPE : HT

	N	NE	C	S	TOTAL
N	1395	118	1391	20	2924
NE	95	5009	2522	12	7638
C	1595	2375	72935	1035	77940
S	32	25	1099	2786	3942
TOTAL	3117	7527	77947	3853	92444

VEHICLE TYPE : PP

	N	NE	C	S	TOTAL
N	12227	248	2506	24	15005
NE	236	2715	2054	27	5032
C	3313	2540	65591	491	71935
S	6	28	457	8348	8839
TOTAL	15782	5531	70608	8890	100811

VEHICLE TYPE : TOTAL

	N	NE	C	S	TOTAL
N	30080	1337	7634	57	39108
NE	1200	37291	8135	46	46672
C	9543	7870	349645	2825	369883
S	59	86	2819	29605	32569
TOTAL	40882	46584	368233	32533	488232

Appendix 6.20   GENERATED AND ATTRACTED REGIONAL TRIPS — 1990

GENERATION: (Trip/day)

Region	VEHICLE TYPE									
	PC	LB	MB	HB	PP	PT	LT	MT	HT	TOTAL
Northern	7798	1580	567	2133	15005	5352	575	3174	2924	39108
Northeastern	6793	1317	710	3460	5032	15229	1371	5122	7638	46672
Central	95614	18389	3385	21834	71935	37555	7246	35985	77940	369883
Southern	7484	1360	318	1616	8839	6061	367	2582	3942	32569
Total	117689	22646	4980	29043	100811	64197	9559	46863	92444	488232

ATTRACTION: (Trip/day)

Region	VEHICLE TYPE									
	PC	LB	MB	HB	PP	PT	LT	MT	HT	TOTAL
Northern	8458	1605	562	2264	15782	5356	579	3159	3117	40882
Northeastern	6662	1336	781	3497	5531	14849	1405	4996	7527	46584
Central	95103	18382	3337	21620	70608	37944	7203	36089	77947	368233
Southern	7466	1323	300	1662	8890	6048	372	2619	3853	32533
Total	117689	22646	4980	29043	190811	64197	9559	46863	92444	488232

GENERATION+ATTRACTION: (Trip-end/day)

Region	VEHICLE TYPE									
	PC	LB	MB	HB	PP	PT	LT	MT	HT	TOTAL
Northern	16256	3185	1129	4397	30787	10708	1154	6333	6041	79990
Northeastern	13455	2653	1491	6957	10563	30078	2776	10118	15165	93256
Central	190717	36771	6722	43454	142543	75499	14449	72074	155887	738116
Southern	14950	2683	618	3278	17729	12109	739	5201	7795	65102
Total	235378	45292	9960	58086	201622	128394	19118	93726	184888	976464

GENERATION + ATTRACTION: (%)

Region	VEHICLE TYPE									
	PC	LB	MB	HB	PP	PT	LT	MT	HT	TOTAL
Northern	20.3	4.0	1.4	5.5	38.5	13.4	1.4	7.9	7.6	100.0
Northeastern	14.4	2.8	1.6	7.5	11.3	32.3	3.0	10.8	16.3	100.0
Central	25.8	5.0	0.9	5.9	19.3	10.2	2.0	9.8	21.1	100.0
Southern	23.0	4.1	0.9	5.0	27.2	18.6	1.1	8.0	12.0	100.0
Total	24.1	4.6	1.0	5.9	20.6	13.1	2.0	9.6	18.9	100.0

Appendix 6.21 GENERATED AND ATTRACTED REGIONAL TRIPS BY COMMODITY GROUP

GENERATION: (1990)

Region	COMMODITY GROUP (Trip/day)					COMMODITY GROUP (Ton/day)				
	AGRICULTURE	CONSTRUCTION	MANUFACTURE	OTHERS	TOTAL	AGRICULTURE	CONSTRUCTION	MANUFACTURE	OTHERS	TOTAL
Northern	1968	598	1714	1637	5917	8900	4074	12505	6954	32433
Northeastern	3367	1164	1677	2195	8403	32337	10837	11903	12710	67787
Central	18115	27284	18853	21099	85351	114378	320546	128386	173712	737022
Southern	2431	860	1060	1987	6338	12334	6299	7027	8438	34098
Total	25881	29906	23304	26918	106009	167949	341756	159821	201814	871340

ATTRACTION:

Region	COMMODITY GROUP (Trip/day)					COMMODITY GROUP (Ton/day)				
	AGRICULTURE	CONSTRUCTION	MANUFACTURE	OTHERS	TOTAL	AGRICULTURE	CONSTRUCTION	MANUFACTURE	OTHERS	TOTAL
Northern	1515	813	1533	1822	5683	5459	6239	9270	8454	29422
Northeastern	2319	1450	1577	2131	7477	16146	13810	11749	12391	54096
Central	20147	26688	18999	20805	86639	139352	314723	130369	171252	755696
Southern	1900	955	1195	2160	6210	6992	6984	8433	9717	32126
Total	25881	29906	2304	26918	106009	167949	341756	159821	201814	871340

GENERATION: (%)

Region	COMMODITY GROUP (Trip/day, %)					COMMODITY GROUP (Ton/day, %)				
	AGRICULTURE	CONSTRUCTION	MANUFACTURE	OTHERS	TOTAL	AGRICULTURE	CONSTRUCTION	MANUFACTURE	OTHERS	TOTAL
Northern	33.3	10.1	29.0	27.7	100.0	27.4	12.6	38.6	21.4	100.0
Northeastern	40.1	13.9	20.0	26.1	100.0	47.7	16.0	17.6	18.7	100.0
Central	21.2	32.0	22.1	24.7	100.0	15.5	43.5	17.4	23.6	100.0
Southern	38.4	13.6	16.7	31.4	100.0	36.2	18.5	20.6	24.7	100.0
Total	24.4	28.2	22.0	25.4	100.0	19.3	39.2	18.3	23.2	100.0

ATTRACTION: (%)

Region	COMMODITY GROUP (Trip/day, %)					COMMODITY GROUP (Ton/day, %)				
	AGRICULTURE	CONSTRUCTION	MANUFACTURE	OTHERS	TOTAL	AGRICULTURE	CONSTRUCTION	MANUFACTURE	OTHERS	TOTAL
Northern	26.7	14.3	27.0	32.1	100.0	18.6	21.2	31.5	28.7	100.0
Northeastern	31.0	19.4	21.1	28.5	100.0	29.8	25.5	21.7	22.9	100.0
Central	23.3	30.8	21.9	24.0	100.0	18.4	41.6	17.3	22.7	100.0
Southern	30.6	15.4	19.2	34.8	100.0	21.8	21.7	26.2	30.2	100.0
Total	24.4	28.2	22.0	25.4	100.0	19.3	39.2	18.3	23.2	100.0

Appendix 6.22 GENERATED AND ATTRACTED REGIONAL TRIPS BY PURPOSE

GENERATION: (1990)

REGION	TRIP PURPOSE (Trip/day)					TRIP PURPOSE (Person/day)				
	WORK	PRIVATE	TOUR	OTHERS	TOTAL	WORK	PRIVATE	TOUR	OTHERS	TOTAL
Northern	10418	8460	1821	182	20881	30232	25036	12501	762	68531
Northeastern	5279	5597	624	155	11655	14279	18279	3069	429	36056
Central	79669	73606	3113	3607	164995	191417	177979	37092	9995	416483
Southern	7687	7470	1023	126	16306	28899	24687	5361	469	59416
Total	103053	95133	11581	4070	213837	264827	245981	58023	11655	580486

ATTRACTION: (1990)

REGION	TRIP PURPOSE (Trip/day)					TRIP PURPOSE (Person/day)				
	WORK	PRIVATE	TOUR	OTHERS	TOTAL	WORK	PRIVATE	TOUR	OTHERS	TOTAL
Northern	10373	9271	2443	217	22034	29912	27662	15605	882	74061
Northeastern	5754	5573	547	152	12026	15161	15313	2577	418	33469
Central	79207	72899	7520	3538	163164	190854	178386	34268	9759	413267
Southern	7719	7390	1071	163	16343	28900	24620	5573	596	59689
Total	103053	95133	11581	4070	213837	264827	245981	58023	11655	580486

GENERATION: (%)

REGION	TRIP PURPOSE (Trip/day, %)					TRIP PURPOSE (Person/day, %)				
	WORK	PRIVATE	TOUR	OTHERS	TOTAL	WORK	PRIVATE	TOUR	OTHERS	TOTAL
Northern	49.9	40.5	8.7	0.9	100.0	44.1	36.5	18.2	1.1	100.0
Northeastern	45.3	48.0	5.4	1.3	100.0	39.6	50.7	8.5	1.2	100.0
Central	48.3	44.6	4.9	2.2	100.0	46.0	42.7	8.9	2.4	100.0
Southern	47.1	45.8	6.3	0.8	100.0	48.6	41.5	9.0	0.8	100.0
Total	48.2	44.5	5.4	1.9	100.0	45.6	42.4	10.0	2.0	100.0

ATTRACTION: (%)

REGION	TRIP PURPOSE (Trip/day, %)					TRIP PURPOSE (Person/day, %)				
	WORK	PRIVATE	TOUR	OTHERS	TOTAL	WORK	PRIVATE	TOUR	OTHERS	TOTAL
Northern	46.5	41.6	11.0	1.0	100.0	40.4	37.4	21.1	1.2	100.0
Northeastern	47.8	46.3	4.5	1.3	100.0	45.3	45.8	7.7	1.2	100.0
Central	48.5	44.7	4.6	2.2	100.0	46.2	43.2	8.3	2.4	100.0
Southern	47.2	45.2	6.6	1.0	100.0	48.4	41.2	9.3	1.0	100.0
Total	48.2	44.5	5.4	1.9	100.0	45.6	42.4	10.0	2.0	100.0

Appendix 6.23 COMMODITY FLOW FROM/TO BMR — 1990
i. From BMR

(TRIP/DAY)

DIV.	AGRICULTURE	CONSTRUCTION	MANUFACTURE	OTHERS	TOTAL
N1	5	18	35	72	130
N2	22	14	79	37	152
N3	33	65	170	103	371
NE1	12	12	65	55	144
NE2	0	23	18	12	53
NE3	7	38	51	59	155
NE4	111	151	183	85	530
C1	85	167	732	152	1136
C2	1237	1497	1916	2361	7011
C3	1470	972	3091	1625	7158
S1	32	17	79	115	243
S2	19	24	54	53	150
S3	44	15	45	63	167
Total	3077	3013	6518	4792	17400

(TON/DAY)

DIV.	AGRICULTURE	CONSTRUCTION	MANUFACTURE	OTHERS	TOTAL
N1	20	222	503	679	1424
N2	195	159	914	335	1603
N3	177	647	1890	738	3452
NE1	191	183	847	896	2117
NE2	0	391	252	138	781
NE3	83	444	643	644	1814
NE4	664	1176	2391	924	5155
C1	610	1513	3920	599	6642
C2	10170	14751	14769	24479	64169
C3	7534	8305	21447	9398	46684
S1	199	132	723	992	2046
S2	177	174	517	491	1359
S3	388	108	458	677	1631
Total	20408	28205	49274	40990	138877

Appendix 6.23 COMMODITY FLOW FROM/TO BMR — 1990
ii. To BMR

(TRIP/ DAY)

DIV.	AGRICULTURE	CONSTRUCTION	MANUFACTURE	OTHERS	TOTAL
N1	44	0	24	21	89
N2	45	0	42	36	123
N3	121	19	96	75	311
NE1	66	8	29	61	164
NE2	76	12	13	20	121
NE3	231	15	84	57	387
NE4	274	26	225	82	607
C1	637	2622	268	326	3853
C2	2226	5126	803	2779	10934
C3	3210	4617	1857	2072	11756
S1	223	10	33	50	316
S2	84	2	10	29	125
S3	256	17	7	62	342
Total	7493	12474	3491	5670	29128

(TON/DAY)

DIV.	AGRICULTURE	CONSTRUCTION	MANUFACTURE	OTHERS	TOTAL
N1	458	0	200	218	876
N2	476	0	605	438	1519
N3	966	143	938	626	2673
NE1	700	47	357	783	1887
NE2	992	162	191	148	1493
NE3	2956	180	863	508	4507
NE4	2717	253	1521	857	5348
C1	4268	33949	2397	3354	43968
C2	18976	87396	8607	42968	157947
C3	19199	61099	11573	20016	111887
S1	1948	8	265	433	2654
S2	684	1	113	215	1013
S3	2749	155	37	619	3560
Total	57089	183393	27667	71183	339332

Appendix 6.24 COMMODITY FLOW COMPOSITION FROM/TO BMR — 1990

(VEHICLES)
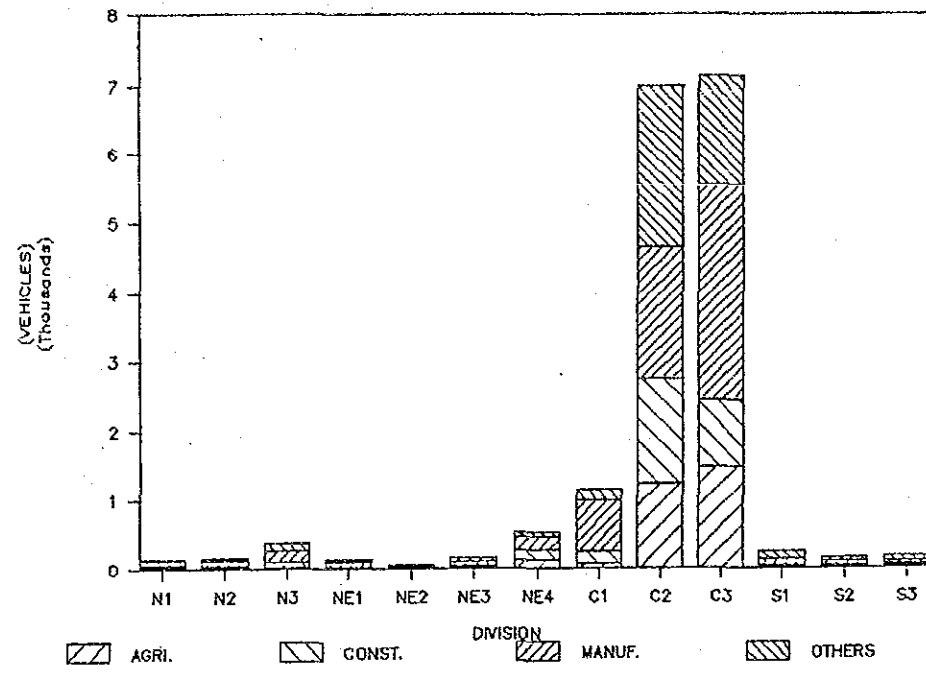
(VEHICLES)
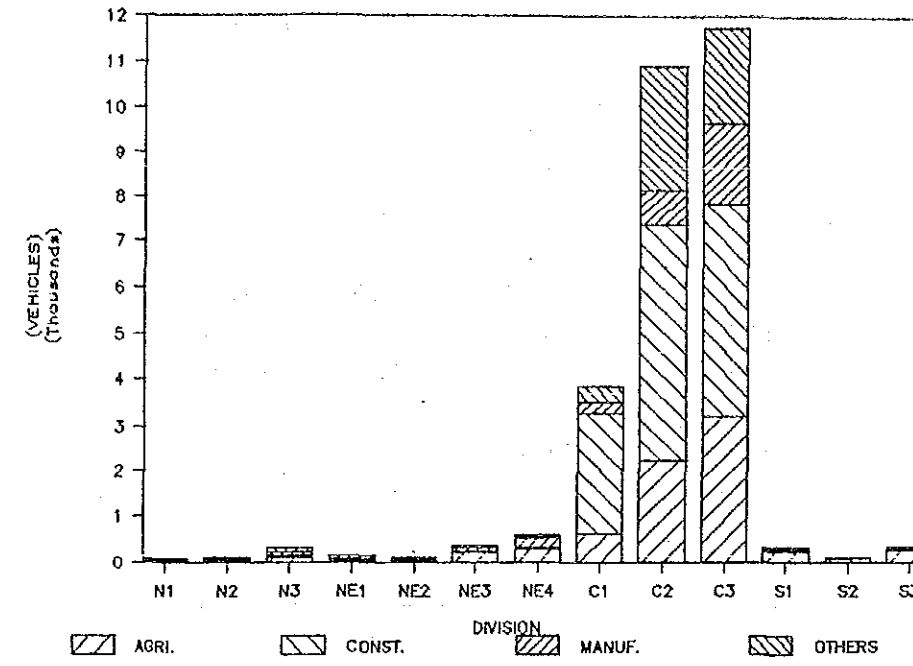
(WEIGHT)

(WEIGHT)

i. From BMR

ii. To BMR

Appendix 6.25 INTER - CHANGWAT OD TABLE — 2000

VEHICLE TYPE : TOTAL

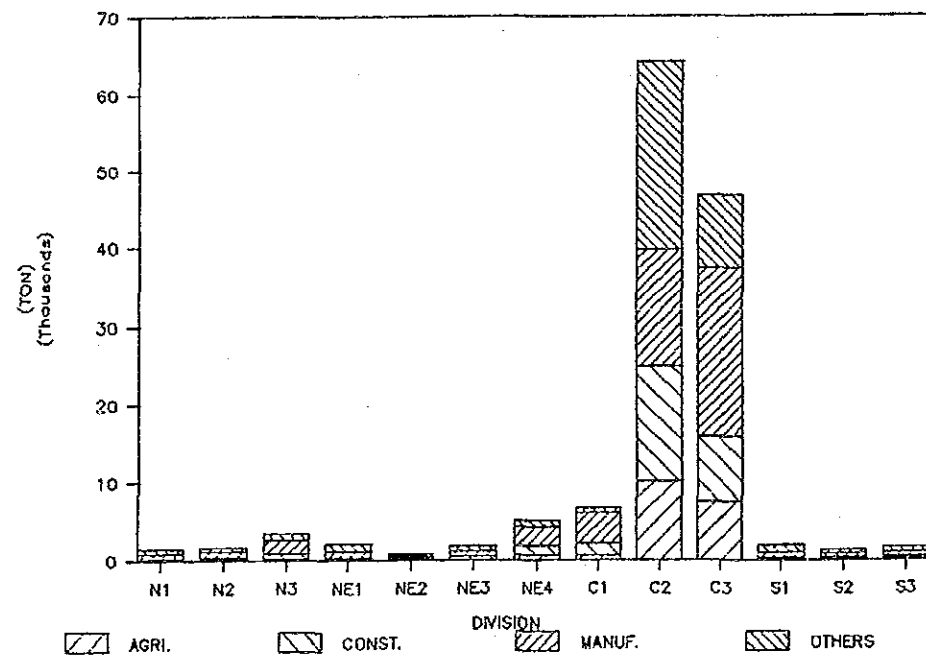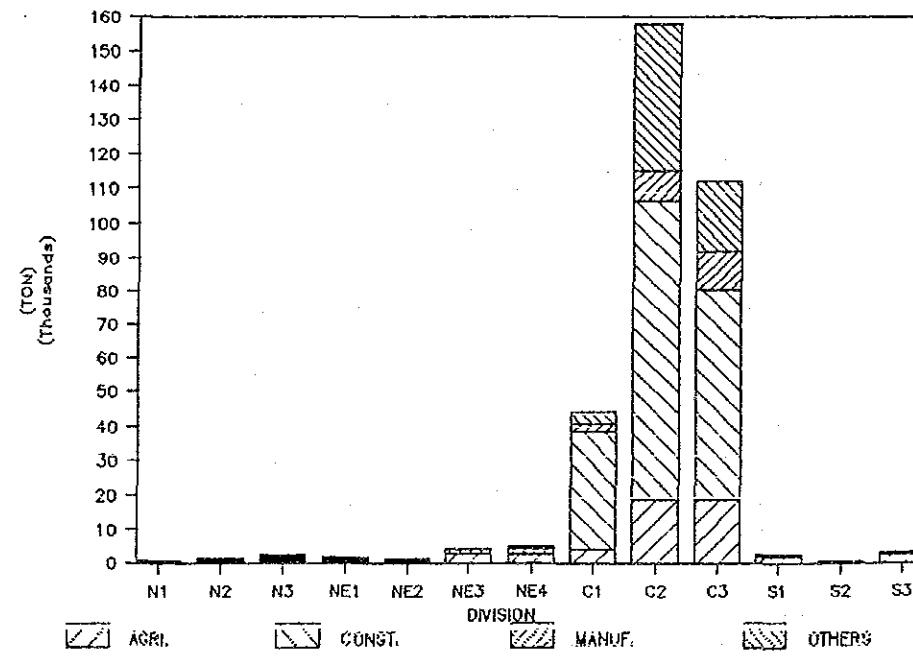|	1	10	11	12	13	14	15	16	17	18	50	51	52	53	54	55	56	57	60	61	62	63	64	65	66	67	68	20	21	22	23	24	25	26	30	31	32	33
1 BANGKOK METROPOLITAN	0	1390	1532	2502	1915	15100	13817	5975	13285	118000	538	24	1386	293	126	195	702	438	358	484	585	1339	711	673	1217	1697	372	3978	5866	14165	28655	6230	2365	1746	551	198	764	201
10 CHAI NAT	1361	0	120	131	134	99	83	119	33	47	2	0	4	3	0	5	0	13	5	17	13	56	57	25	17	1721	716	9	11	2	48	24	0	0	1	2	0	0
11 SING BURI	1478	113	0	1531	654	281	205	145	21	83	2	0	13	0	4	6	11	2	2	5	1	24	42	35	25	528	40	11	3	6	67	33	1	0	14	0	0	0
12 LOP BURI	2319	129	1550	0	81	3854	103	173	58	12	12	0	36	5	5	2	13	14	16	11	9	85	39	39	418	522	25	32	105	11	65	41	4	0	205	1	6	2
13 ANG THONG	1812	128	662	81	0	19	2467	62	99	70	1	0	2	6	0	0	4	0	3	19	1	17	24	13	12	144	9	4	27	2	74	39	0	0	3	0	0	0
14 SARABURI	14235	53	276	3741	18	0	2736	3585	476	363	16	4	47	12	4	148	86	38	6	43	59	78	31	76	433	216	9	1721	951	131	385	248	98	16	71	16	74	41
15 PHRA NAKHON SI AYUTTHAYA	12275	80	200	103	2243	2732	0	1808	659	438	17	0	12	5	4	4	12	8	4	4	13	33	38	44	24	111	29	101	55	30	222	100	15	0	39	9	97	4
16 PATHUM THANI	5801	110	142	170	64	3622	1851	0	955	1491	11	0	15	5	3	5	3	2	5	27	21	10	58	20	52	107	10	4169	701	333	598	273	33	0	3	0	1	0
17 NONTHABURI	12446	30	20	57	94	471	663	976	0	604	4	3	18	6	0	2	8	2	4	13	11	4	18	10	15	37	14	159	79	126	634	152	20	0	3	0	1	0
18 SAMUT PRAKAN	107618	46	82	12	70	358	437	1418	595	0	22	0	19	1	1	3	10	4	36	0	10	24	71	9	29	24	23	95	414	1784	11367	1327	212	44	7	12	25	40
50 CHIANG RAI	562	2	2	12	2	18	14	12	3	24	0	3	907	1210	23	50	300	254	32	14	13	34	3	5	9	36	2	0	4	6	34	9	7	2	2	1	3	1
51 MAE HONG SON	24	0	0	0	0	4	0	0	3	0	3	0	228	5	2	17	15	7	2	1	0	2	1	0	4	0	0	0	1	2	2	2	0	0	0	0	2	0
52 CHIANG MAI	1433	4	12	35	2	48	11	16	20	20	918	222	0	218	60	2971	717	245	56	32	114	109	39	13	17	59	3	0	5	1	37	24	15	3	2	0	2	0
53 PHAYAO	321	3	0	6	5	13	3	6	5	1	1206	5	219	0	10	24	668	244	14	11	9	25	2	3	0	10	0	0	7	1	25	6	3	0	1	0	0	0
54 NAN	127	0	4	5	0	2	2	4	0	1	23	2	59	10	0	3	48	552	27	14	4	69	2	2	10	9	1	1	2	0	8	7	1	1	1	0	0	0
55 LAMPHUN	208	5	7	2	0	151	3	6	2	3	52	17	3023	24	3	0	628	78	13	8	58	32	14	9	11	24	0	0	5	3	28	15	3	4	4	0	0	1
56 LAMPANG	743	0	11	15	4	88	12	4	8	11	301	15	713	665	49	608	0	1340	86	59	385	76	63	22	6	72	1	0	11	3	31	14	6	0	9	2	0	0
57 PHRAE	491	15	2	16	0	43	9	2	2	6	254	7	253	243	555	78	1342	0	744	228	13	228	12	17	33	49	5	1	0	1	22	14	6	0	7	0	2	0
60 UTTARADIT	375	5	3	16	4	6	4	5	5	39	31	2	58	13	27	11	85	737	0	423	18	508	14	30	25	49	5	1	6	4	24	17	0	3	5	0	1	0
61 SUKHOTHAI	518	17	5	12	21	45	4	29	13	0	14	1	28	11	14	8	57	221	420	0	745	1823	497	70	39	169	13	4	11	0	23	12	0	3	9	0	0	2
62 TAK	605	13	1	9	1	62	15	24	14	13	13	0	113	9	4	53	373	13	18	733	0	216	977	44	23	227	4	0	11	0	23	12	0	3	27	7	2	0
63 PHITSANULOK	1425	60	25	91	17	87	34	11	5	26	35	0	109	24	66	30	74	221	497	1798	214	0	110	1501	996	648	51	2	18	12	64	35	4	1	11	0	0	0
64 KAMPHAENG PHET	735	58	45	36	26	34	33	64	19	73	2	2	38	2	2	9	21	10	14	497	857	109	0	332	20	1311	44	3	4	4	32	15	5	4	20	2	2	0
65 PHICHIT	708	27	38	40	14	81	44	21	10	8	5	1	13	3	2	9	21	16	29	69	42	1482	330	0	997	734	10	1	3	1	28	18	11	6	250	3	11	0
66 PHETCHABUN	1273	17	25	443	13	469	25	57	15	30	8	0	16	0	10	10	6	31	24	38	22	981	19	974	0	589	2	4	12	8	31	20	5	3	36	0	1	0
67 NAKHON SAWAN	1737	1749	535	513	149	229	112	116	39	26	33	4	58	9	9	22	67	44	53	163	214	628	1325	719	571	0	173	10	27	16	129	40	9	10	0	0	0	0
68 UTHAI THANI	362	650	40	25	9	8	29	10	14	23	2	0	3	0	1	0	1	0	5	14	4	51	44	10	2	171	0	0	2	1	19	12	0	1	1	0	0	0
20 NAKHON NAYOK	3793	7	11	36	4	1691	100	4111	159	95	0	0	0	0	1	0	0	4	1	2	0	2	3	1	4	10	0	0	1448	54	168	93	4	0	21	0	21	14
21 PRACHIN BURI	5603	9	3	101	27	942	98	696	80	421	3	0	3	6	2	0	4	9	0	5	11	15	4	2	11	24	2	1462	0	2586	736	260	1002	208	30	2	28	9
22 CHACHOENGSAO	13356	2	6	11	2	129	30	327	124	1791	6	1	1	1	0	1	3	2	1	3	0	9	4	1	8	18	1	54	2548	0	7087	2509	7325	732	322	31	48	24
23 CHON BURI	27248	47	65	64	74	400	226	605	634	11439	31	2	35	24	10	13	23	26	21	23	21	58	31	24	30	123	20	173	727	7096	0	620	970	1935	21	15	19	16
24 RAYONG	6124	23	31	41	38	261	105	284	155	1397	8	1	21	5	6	7	15	12	12	15	11	32	14	18	18	39	11	97	260	620	7484	0	744	3606	5	0	2	3
25 CHANTHABURI	2252	0	1	4	0	96	15	33	20	211	8	0	15	3	1	8	3	6	6	0	0	5	6	11	5	10	0	1	209	22	300	575	3629	0	0	0	3	0
26 TRAT	1651	0	0	0	0	16	0	0	0	46	2	0	3	0	0	7	3	0	0	3	2	1	3	5	3	35	1	1	31	3	30	24	4	0	0	2	2	1
30 CHAIYAPHUM	560	1	14	209	3	75	36	41	3	7	2	0	8	2	1	0	3	9	6	5	8	27	13	19	250	35	1	0	3	3	28	16	0	0	2	0	666	6
31 YASOTHON	200	2	0	2	0	16	3	9	0	13	1	0	0	0	0	0	0	2	0	0	0	2	0	1	12	1	0	0	23	28	47	19	2	3	2	654	0	1219
32 UBON RATCHATHANI	574	0	0	6	0	75	19	97	1	25	3	0	2	2	0	0	0	2	1	0	2	0	0	0	0	0	0	2	15	9	26	17	3	0	1	6	1223	0
33 SI SA KET	209	0	0	2	0	40	1	5	0	43	1	0	3	0	0	0	1	0	5	0	2	13	0	6	6	4	0	2	22	17	76	43	28	0	31	61	60	45
34 BURIRAM	718	3	0	7	2	20	12	7	2	34	1	0	3	0	0	0	2	0	6	15	13	39	17	18	95	57	5	61	552	182	327	146	98	3	1120	100	101	37
35 NAKHON RATCHASIMA	4927	8	31	180	29	1433	409	266	40	186	7	0	14	0	0	0	6	0	2	7	1	5	0	0	7	1	3	0	6	4	51	16	3	3	9	108	164	378
36 SURIN	658	0	0	3	0	7	6	10	2	12	0	0	2	1	1	0	0	0	0	3	3	5	3	5	0	0	0	0	13	7	26	10	0	0	7	7	9	1
40 NONG KHAI	217	0	0	0	1	7	6	10	2	12	0	0	0	0	0	1	0	0	3	5	3	3	7	9	311	5	0	0	5	1	15	9	1	0	104	2	12	0
41 LOEI	265	0	2	14	1	13	1	5	3	8	0	0	0	0	1	0	0	0	3	2	7	10	8	6	30	7	0	3	11	32	31	23	5	5	42	5	54	2
42 UDON THANI	516	0	0	8	0	14	32	20	2	31	0	0	3	0	0	0	0	0	0	2	7	10	8	6	5	2	7	0	8	5	20	11	2	5	1	43	74	0
43 NAKHON PHANOM	145	0	2	0	0	8	7	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	4	0	4	0	0	0	7	3	20	11	2	5	1	19	34	4
44 SAKHON NAKHON	254	0	1	0	0	8	7	0	1	5	0	0	1	0	0	0	0	0	0	0	0	1	0	4	0	0	0	0	42	33	86	44	8	13	1793	142	152	31
45 KHON KAEN	1413	3	0	29	2	167	15	62	2	83	15	0	29	8	2	10	21	21	4	24	22	77	38	31	685	38	7	6	3	9	37	12	0	2	4	18	28	3
46 KALASIN	238	4	5	0	0	12	4	4	0	10	2	0	2	1	0	0	1	2	0	0	1	2	0	5	2	0	0	0	6	1	36	17	0	0	4	61	64	15
47 MAHA SARAKHAM	219	2	0	1	2	25	0	0	5	6	0	0	2	1	0	0	0	5	0	6	2	7	3	7	15	3	1	1	4	0	37	23	7	0	9	638	114	5
48 ROI ET	718	0	0	1	0	46	2	13	0	126	1	0	4	0	0	4	0	1	1	2	0	2	2	9	0	0	0	1	0	1	7	4	0	0	413	222	7	7
49 MUKDAHAN	99	0	0	0	0	22	8	0	0	20	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	14	34	132	63	14	0	4	0	0	10
70 SUPHAN BURI	8271	249	24	9	0	3	0	147	783	341	1	0	5	4	0	7	8	5	1	4	3	17	35	12	12	272	24	4	3	57	118	51	0	0	8	0	1	1
71 KANCHANABURI	3998	9	5	4	0	7	0	317	273	344	2	0	28	1	1	0	6	1	0	4	5	10	12	5	4	31	0	2	6	157	478	230	8	0	1	0	7	0
72 NAKHON PATHOM	29352	32	22	79	86	186	281	2377	2813	1494	11	0	15	0	0	0	3	8	4	4	7	16	3	8	5	24	2	3	0	22	271	126	0	0	0	0	1	0
73 RATCHABURI	11619	16	17	7	0	15	0	375	515	839	9	0	8	0	1	1	4	0	2	0	2	6	0	1	7	55	1	33	10	56	395	152	26	24	1	0	0	0
74 SAMUT SAKHON	26013	5	0	19	82	95	73	664	630	1331	4	0	3	0	0	1	4	2	0	0	0	1	0	0	12	1	1	0	3	135	77	9	19	1	0	3	0	0
75 SAMUT SONGKHRAM	5210	10	2	0	0	18	17	186	105	292	2	0	7	1	5	0	2	0	0	5	0	1	0	0	0	3	0	0	6	9	93	43	3	0	4	0	0	0
76 PHETCHABURI	3356	4	7	26	0	1	0	163	171	286	1	0	4	1	0	0	2	0	0	1	1	1	0	0	3	8	4	0	9	7	40	23	1	7	0	0	1	0
77 PRACHUAP KHIRI KHAN	2717	1	3	0	0	23	0	59	62	141	4	0	2	0	0	0	1	0	0	0	0	0	3	7	0	0	0	0	0	15	34	34	4	2	0	0	9	0
80 CHUMPHON	861	0	0	0	0	6	2	15	3	35	0	0	2	0	0	0	0	0	0	0	0	0	3	0	3	0	0	1	3	1	13	7	0	0	0	0	0	0
81 RANONG	206	0	0	0	2	3	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	4	1	19	19	5	3	0	0	0	0
82 SURATTHANI	814	0	0	6	4	4	0	0	12	23	0	0	1	0	0	0	2	0	0	0	0	0	2	3	0	0	0	0	0	0	7	7	0	0	0	0	0	0
83 PHANG NGA	142	0	0	0	0	0	3	6	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	23	0	0	0	0	0	2
84 NAKHON SI THAMMARAT	485	2	5	3	0	29	0	16	4	16	0	0	1	0	0	0	4	0	0	0	0	4	0	0	0	0	0	0	0	0	23	0	0	0	0	0	0	0
85 KRABI	72	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	8	7	1	0	0	0	0	0	0
86 PHUKET	392	0	0	0	0	4	0	3	3	17	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	7	5	0	0	0	1	0
90 PHATTHALUNG	46	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	3	14	7	0	3	0	0	0	0
91 TRANG	141	0	0	0	0	3	0	0	0	17	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	19	3	7	0	0	0	0
92 SONGKHLA	855	0	0	2	8	0	0	20	8	42	5	0	6	2	0	0	4	0	0	0	0	2	0	0	0	0	0	0	0	0	16	11	0	0	0	0	0	0
93 SATUN	114	0	0	2	3	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	10	7	3	0	0	0	0	0
94 PATTANI	208	0	0	0	0	0	0	0	0	17	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	9	6	0	0	0	0	0	0
95 YALA	114	0	0	0	0	0	0	0	3	2	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	3	19	6	0	0	0	0	0	0
96 NARATHIWAT	165	2	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	3	1	0	2	0	0	0	0	3	3	6	7	0	0	0	0	0	0
TOTAL	338360	5185	5605	10472	5909	33871	24231	25615	22983	142690	3658	316	7626	2863	1014	4346	5431	4663	2551	4879	3662	8447	4764	4900	6572	10102	1660	12321	15377	27777	64469	21873	10416	6703	4565	2531	4134	2126

Appendix 6.25 · INTER-CHANGWAT OD TABLE — 2000

VEHICLE TYPE : TOTAL

	34	35	36	40	41	42	43	44	45	46	47	48	49	70	71	72	73	74	75	76	77	80	81	82	83	84	85	86	90	91	92	93	94	95	96	TOTAL
1 BANGKOK METROPOLITAN	703	4982	658	208	258	496	144	243	1345	227	206	688	100	9020	4213	31452	12016	27980	5482	3514	2853	832	195	745	122	430	65	348	41	125	762	103	194	107	159	360387
10 CHAI NAT	2	8	0	0	0	0	0	0	3	4	2	0	0	260	10	36	17	5	10	4	1	0	0	0	0	2	0	0	0	0	0	0	0	0	2	5244
11 SING BURI	0	30	0	0	2	0	2	1	0	5	0	0	0	25	5	22	16	0	2	7	3	0	0	0	0	4	0	2	0	1	0	2	0	0	3	5520
12 LOP BURI	7	181	3	0	11	9	0	0	26	0	1	1	0	9	4	76	7	19	0	26	0	0	0	0	0	2	0	0	0	0	2	0	0	0	0	10386
13 ANG THONG	2	29	0	1	1	0	0	0	1	0	2	0	0	0	0	90	0	89	0	0	0	0	1	4	0	0	0	0	7	3	0	0	0	0	0	6034
14 SARABURI	19	1428	38	7	12	14	0	8	161	11	22	44	21	3	7	187	15	95	18	1	23	8	2	3	0	28	0	4	0	3	0	3	0	0	0	32825
15 PHRA NAKHON SI AYUTTHAYA	12	408	3	6	1	31	7	7	14	4	0	2	8	0	0	283	0	73	17	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	22406
16 PATHUM THANI	7	261	12	10	5	19	0	0	58	4	0	11	0	146	320	2432	378	685	191	163	60	15	0	0	6	14	0	3	0	0	7	0	0	2	1	25646
17 NONTHABURI	2	40	6	1	2	2	0	1	2	0	5	0	0	722	270	2825	507	637	104	170	62	5	0	11	0	3	2	4	0	0	0	0	0	3	1	132003
18 SAMUT PRAKAN	33	196	2	11	8	31	0	5	79	10	6	125	19	340	344	1494	832	1329	290	285	137	34	8	21	0	14	2	16	5	17	0	4	0	16	4	22095
50 CHAING RAI	1	6	0	0	0	0	0	0	16	2	0	1	0	1	2	11	8	5	2	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3682
51 MAE HONG SON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	323
52 CHIANG MAI	3	14	2	0	0	3	0	2	29	2	2	4	1	5	27	16	9	3	0	6	5	2	0	1	0	1	0	5	0	1	6	2	0	0	1	7641
53 PHAYAO	0	0	1	0	0	0	1	0	9	0	1	0	0	5	1	0	0	2	3	1	1	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2888
54 NAN	0	0	1	0	1	0	0	0	2	0	0	0	0	0	1	0	1	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1010
55 LAMPHUN	0	0	0	0	0	0	0	0	11	0	0	4	0	7	0	0	1	2	0	0	0	0	2	0	0	0	0	0	0	0	7	0	0	0	0	4453
56 LAMPANG	5	3	0	0	0	0	2	0	21	1	0	0	0	9	5	2	5	4	0	2	0	1	0	0	0	0	0	0	0	0	0	4	0	0	1	5485
57 PHRAE	0	8	0	0	0	0	0	0	21	2	5	1	0	6	2	10	0	3	3	0	0	0	0	0	4	0	0	2	0	0	0	0	0	0	0	4789
60 UTTARADIT	0	5	2	0	3	0	0	0	4	0	0	1	0	1	0	5	4	0	0	0	0	1	0	0	0	0	1	0	0	2	0	0	0	0	0	2580
61 SUKHOTHAI	10	17	7	0	5	2	0	0	26	0	6	2	0	4	3	4	4	0	0	6	1	0	0	0	0	0	0	0	0	4	4	0	0	3	3	4962
62 TAK	5	13	1	0	3	7	0	0	23	0	2	0	0	3	1	5	7	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3710
63 PHITSANULOK	14	40	5	0	3	10	0	0	76	1	8	2	0	18	11	26	19	6	1	1	1	0	0	5	0	0	0	4	0	2	0	0	0	1	2	8583
64 KAMPHAENG PHET	0	16	0	0	7	9	0	1	37	2	3	2	1	31	11	15	3	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	4753
65 PHICHIT	7	17	0	2	9	7	0	0	32	0	7	1	1	11	5	9	10	1	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	4968
66 PHETCHABUN	7	94	8	5	293	28	4	3	640	4	15	9	0	13	5	9	5	8	0	0	4	3	0	2	0	4	0	0	0	2	0	0	0	0	0	6609
67 NAKHON SAWAN	4	57	1	0	5	7	1	0	36	2	3	0	0	271	31	28	26	62	12	2	8	7	0	3	2	0	0	0	0	0	0	0	0	0	0	10143
68 UTHAI THANI	0	5	3	0	0	0	0	0	6	0	1	1	0	24	0	17	2	1	2	0	4	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1582
20 NAKHON NAYOK	1	59	0	0	0	0	3	0	5	0	1	1	1	4	2	103	3	33	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	12020
21 PRACHIN BURI	20	523	6	11	4	11	7	7	36	3	5	4	0	14	3	6	0	10	0	6	8	0	0	3	0	0	0	0	0	0	0	0	0	0	3	15092
22 CHACHOENGSAO	15	188	3	7	1	31	0	3	30	9	0	0	1	34	57	157	22	58	3	9	1	15	1	2	0	0	0	1	0	3	0	0	0	0	0	26900
23 CHON BURI	69	323	47	24	14	30	7	18	79	37	36	35	7	133	121	505	285	407	137	91	39	32	13	19	8	26	7	10	6	13	26	14	10	17	7	62983
24 RAYONG	41	146	17	9	8	20	4	10	46	11	17	22	5	63	53	254	139	163	79	43	23	35	7	17	5	21	5	7	5	7	18	10	5	5	6	22015
25 CHANTHABURI	25	98	3	0	1	6	0	2	7	0	0	7	0	14	0	8	0	26	9	3	1	4	0	4	0	0	0	0	0	2	2	0	3	0	0	10297
26 TRAT	0	29	3	0	0	5	0	4	11	2	0	0	0	0	0	0	0	24	19	0	7	2	0	2	0	0	0	0	0	6	0	0	0	0	0	6637
30 CHAIYAPHUM	31	1063	9	7	101	43	1	1	1730	4	4	9	0	4	8	1	1	1	1	4	0	0	3	0	0	0	0	0	1	0	0	0	0	0	0	4462
31 YASOTHON	61	55	111	7	2	5	41	18	143	18	62	649	406	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2564
32 UBON RATCHATHANI	61	102	167	9	11	54	71	33	148	26	64	113	214	0	1	7	1	0	4	0	1	9	0	0	0	0	0	0	0	0	0	0	0	0	0	4116
33 SI SA KET	46	39	386	1	0	2	0	4	31	3	15	5	7	10	1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2156
34 BURIRAM	0	1906	915	4	4	2	2	24	127	19	439	246	20	0	3	12	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4978
35 NAKHON RATCHASIMA	1814	0	139	31	30	227	10	46	1441	25	71	78	8	27	24	57	29	28	19	4	7	9	4	3	0	2	0	2	3	0	7	3	0	4	4	14671
36 SURIN	913	145	0	4	4	2	8	8	77	13	26	531	14	0	0	5	0	5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3254
40 NONG KHAI	4	32	4	0	19	1739	233	506	361	12	15	14	12	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	3295
41 LOEI	4	33	4	17	0	720	1	20	1173	1	14	23	0	2	2	4	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2828
42 UDON THANI	2	229	2	1702	729	0	92	941	2202	40	42	42	4	8	0	4	2	0	2	0	5	0	0	2	0	3	0	0	0	0	0	0	0	0	0	6961
43 NAKHON PHANOM	3	11	8	233	1	93	0	442	100	24	8	7	374	2	0	9	0	0	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	1622
44 SAKHON NAKHON	25	49	9	503	20	955	442	0	253	248	28	29	61	0	0	3	0	5	0	0	3	0	2	0	0	0	0	0	0	0	0	0	0	0	0	3023
45 KHON KAEN	132	1562	80	348	1175	2174	97	242	0	1184	2442	722	54	8	1	9	31	9	7	0	0	0	3	0	0	0	3	0	0	0	0	0	0	0	0	15441
46 KALASIN	19	23	13	11	1	45	24	245	1196	0	517	763	0	0	4	0	3	0	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3279
47 MAHA SARAKHAM	451	66	27	14	14	45	7	28	2427	512	0	861	12	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4985
48 ROI ET	251	83	542	14	24	42	7	27	716	774	867	0	11	5	3	7	4	6	0	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5164
49 MUKDAHAN	22	8	16	11	0	4	373	61	54	0	12	11	0	0	5	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1385
70 SUPHAN BURI	0	28	0	0	2	6	2	0	7	0	1	5	0	1053	1665	84	313	8	17	10	4	0	1	1	2	0	0	3	1	0	0	0	3	0	3	13725
71 KANCHANABURI	3	23	0	1	2	0	0	0	1	4	0	3	0	1053	0	1998	4607	129	98	160	62	16	0	0	2	0	0	3	3	0	2	0	3	0	3	13476
72 NAKHON PATHOM	10	54	4	0	3	4	8	3	7	0	0	7	5	1658	1995	0	8203	36	334	338	146	18	0	15	0	17	4	3	0	2	24	2	4	5	6	50777
73 RATCHABURI	12	28	0	0	0	1	0	0	28	3	0	3	0	84	4607	8288	0	1356	2788	1741	287	39	4	10	1	10	0	4	0	6	12	2	0	0	5	33241
74 SAMUT SAKHON	0	28	5	0	0	2	0	5	7	0	6	0	0	312	128	36	1347	0	2160	355	124	36	41	17	4	10	0	3	0	4	8	7	25	3	0	34368
75 SAMUT SONGKHRAM	0	18	0	0	0	0	0	0	6	3	0	0	0	8	99	318	2779	2177	0	426	141	21	3	7	0	4	0	0	0	0	11	0	2	0	0	12123
76 PHETCHABURI	0	4	1	0	0	2	0	0	0	0	3	3	0	17	160	340	1742	362	432	0	2847	67	21	14	3	8	0	6	0	0	11	0	2	0	13	10245
77 PRACHUAP KHIRI KHAN	0	7	0	0	0	0	0	0	0	0	0	0	0	10	62	143	290	127	144	2725	0	787	55	64	8	41	8	33	2	3	31	0	2	3	4	7673
80 CHUMPHON	0	9	0	0	0	2	0	3	0	1	0	1	3	4	16	20	39	38	22	67	746	0	615	804	38	76	20	18	7	13	53	1	11	4	2	3665
81 RANONG	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	5	42	4	19	57	615	0	151	220	16	14	69	3	11	56	4	4	3	2	8	1545
82 SURATTHANI	0	4	0	0	2	5	2	2	3	0	0	0	0	2	0	18	12	19	7	16	75	810	157	0	46	2634	366	106	54	186	325	8	20	2	8	5815
83 PHANG NGA	0	0	0	0	0	0	2	0	0	0	0	0	0	2	2	0	2	6	0	4	10	40	238	49	0	46	369	2101	7	36	34	0	0	1	0	3116
84 NAKHON SI THAMMARAT	0	2	0	0	0	0	0	2	0	0	0	0	0	2	0	21	15	10	4	7	47	82	19	2692	44	0	189	125	761	1212	2368	28	138	54	24	8468
85 KRABI	0	0	0	0	0	0	0	0	0	0	2	4	0	0	0	4	0	0	0	8	19	14	374	360	193	0	236	41	587	86	0	2	3	0	0	2012
86 PHUKET	0	2	0	0	0	2	0	0	0	0	2	4	0	1	4	5	3	0	8	34	17	66	114	2051	126	231	0	14	95	100	0	10	1	3	22	3041
90 PHATTHALUNG	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	3	56	7	771	41	14	0	697	1272	44	21	17	22	5				3343
91 TRANG	0	0	0	0	0	3	0	0	0	0	0	0	0	3	2	7	4	0	0	4	13	11	196	34	1231	579	96	702	0	802	0	22	10	5		3916
92 SONGKHLA	0	8	0	0	0	0	0	0	3	0	0	0	3	4	27	15	8	4	11	35	56	58	334	31	2348	63	97	1238	781	0	1506	2431	265	310		10675
93 SATUN	0	3	0	0	0	0	0	0	0	0	0	0	1	0	2	2	7	0	0	9	1	4	10	0	28	0	0	44	0	1530	0	23	8			1822
94 PATTANI	0	4	0	0	0	0	0	0	0	0	0	0	0	3	4	0	25	0	2	2	12	5	21	0	140	2	10	22	21	2496	23	0	2199	1033		6268
95 YALA	0	4	0	0	0	0	0	0	0	0	0	0	0	5	0	3	0	3	0	3	2	1	52	3	1	17	10	266	8	2040	0	105	1033			2673
96 NARATHIWAT	0	0	0	0	0	0	0	0	0	0	0	0	0	6	13	4	2	10	2	25	0	3	23	5	308	5	971	106	0							1705
TOTAL	4878	14860	3274	3219	2801	6958	1602	2974	15133	3257	4988	5103	1369	14416	13698	53111	33586	36450	12425	10261	7908	3688	1553	5805	2998	8339	1998	3340	2998	3849	10719	1783	5959	2822	1758	1174527

Appendix 6.26 INTER-CHANGWAT OD TABLE — 2010

VEHICLE TYPE : TOTAL

	1	10	11	12	13	14	15	16	17	18	50	51	52	53	54	55	56	57	60	61	62	63	64	65	66	67	68	20	21	22	23	24	25	26	30	31	32	33
1 BANGKOK METROPOLITAN	0	2626	2359	4667	3152	28252	23758	17647	33190	273106	882	10	2140	507	207	379	1241	781	634	821	1254	2774	1315	1012	2144	3187	551	6078	10145	24389	44549	11891	4136	3275	1035	349	1315	387
10 CHAI NAT	2530	0	142	189	175	155	115	265	61	82	3	0	4	4	0	7	0	18	7	23	20	80	82	31	23	2234	851	10	15	3	69	34	0	0	1	3	0	0
11 SING BURI	2236	132	0	1718	734	346	238	235	31	122	2	0	16	0	4	7	12	2	3	5	1	25	49	41	28	579	48	13	4	7	87	44	1	0	16	0	0	0
12 LOP BURI	4228	183	1750	0	104	5242	128	342	95	23	13	0	45	7	6	2	17	18	19	14	14	112	47	43	487	647	30	36	127	14	93	58	6	0	257	1	7	2
13 ANG THONG	2882	170	743	102	0	19	3109	97	139	97	1	0	3	7	0	0	4	0	4	19	1	23	28	14	14	167	11	4	29	2	103	56	0	0	5	0	0	0
14 SARABURI	26007	144	334	4998	19	0	3707	6939	793	604	17	5	57	16	2	164	101	49	7	49	78	100	38	89	532	264	10	1960	1175	151	514	339	112	21	95	17	80	51
15 PHRA NAKHON SI AYUTTHAYA	20053	109	230	128	3761	3717	0	2910	910	636	21	0	14	6	5	3	14	10	5	4	17	41	47	49	31	151	35	122	123	37	302	139	18	0	51	4	25	1
16 PATHUM THANI	16656	238	227	332	99	7038	2985	0	2445	3783	21	0	24	11	5	8	6	2	8	56	46	22	110	28	86	203	17	6182	1271	581	983	487	59	0	80	18	188	8
17 NONTHABURI	29834	52	29	88	129	787	913	2438	0	1195	6	5	25	7	0	3	10	3	6	19	17	5	26	12	22	59	18	205	116	183	961	264	30	0	3	0	1	0
18 SAMUT PRAKAN	238527	81	118	23	96	591	632	3535	1175	0	29	0	26	1	1	4	17	6	53	0	20	39	110	12	42	37	31	113	615	2603	15927	2126	317	69	12	21	35	69
50 CHIANG RAI	939	3	2	15	2	22	18	24	4	34	0	4	1120	1470	28	56	357	302	39	17	17	40	3	5	12	41	2	0	4	7	41	12	8	2	3	2	4	1
51 MAE HONG SON	39	0	0	0	0	6	0	0	5	0	4	0	275	6	2	20	19	9	2	1	0	0	3	1	0	5	0	0	0	1	3	2	0	0	0	0	0	0
52 CHIANG MAI	2518	5	15	45	3	60	12	32	30	30	1149	262	0	271	76	3553	892	295	69	40	151	133	51	16	22	72	4	0	5	1	44	31	19	5	10	0	2	0
53 PHAYAO	586	5	0	7	5	18	4	13	6	1	1467	6	271	0	12	28	795	293	17	13	13	31	2	3	0	13	0	0	9	2	30	9	4	0	2	0	2	1
54 NAN	217	0	4	6	0	3	2	7	0	2	29	2	72	12	0	3	56	651	34	16	4	91	3	2	12	10	1	1	3	0	11	8	1	0	1	0	0	1
55 LAMPHUN	408	8	7	2	0	169	3	12	3	6	58	20	3596	28	4	0	717	89	15	8	74	41	17	9	12	26	0	0	6	3	33	20	3	6	5	0	0	1
56 LAMPANG	1343	0	12	19	6	105	15	8	12	18	352	19	876	791	55	680	0	1559	102	67	509	94	80	24	6	65	1	0	14	4	36	18	8	0	11	3	0	0
57 PHRAE	926	21	2	19	0	61	9	3	4	8	300	9	287	285	651	83	1558	0	911	266	16	295	14	20	39	54	0	5	14	4	36	17	7	0	8	0	2	0
60 UTTARADIT	683	8	3	18	4	9	5	9	9	57	37	2	71	16	33	13	102	904	0	904	2153	614	73	48	186	15	4	6	4	30	21	0	4	7	0	1	1	0
61 SUKHOTHAI	900	25	6	16	25	51	6	59	19	0	15	1	33	13	15	9	63	253	492	0	870	0	295	1363	47	29	303	5	0	15	0	33	18	0	4	13	0	0
62 TAK	1293	22	1	15	2	83	20	54	24	22	17	0	148	12	5	66	481	16	20	2086	0	293	0	145	1747	1253	803	65	2	21	14	79	49	5	2	36	10	2
63 PHITSANULOK	2984	87	28	125	23	118	43	24	7	45	39	0	132	29	83	35	90	273	644	603	1319	0	140	0	376	27	1588	53	3	6	5	43	21	6	5	14	0	0
64 KAMPHAENG PHET	1371	87	54	46	34	42	44	133	30	113	3	3	49	2	3	15	72	12	16	72	45	1684	371	0	1098	862	12	1	1	3	1	34	23	12	6	22	2	2
65 PHICHIT	1086	32	43	45	16	96	32	105	26	44	5	1	19	0	12	10	6	31	27	44	26	1237	26	1139	0	644	2	4	15	8	42	26	5	4	300	3	12	0
66 PHETCHABUN	2286	22	27	538	16	613	32	105	63	39	36	5	69	11	9	25	74	47	60	178	269	762	1578	863	606	0	209	10	29	18	156	51	10	12	44	0	1	0
67 NAKHON SAWAN	3231	2310	586	641	173	289	151	222	63	39	2	0	4	0	1	0	1	0	6	17	5	66	53	12	2	205	0	209	2	1	26	19	0	0	1	0	0	0
68 UTHAI THANI	529	755	48	30	11	9	35	18	18	32	2	0	4	0	0	0	1	0	6	2	0	2	3	1	4	11	0	0	1738	65	225	122	5	1	1	0	0	0
20 NAKHON NAYOK	5585	8	13	43	4	1915	121	6035	207	112	3	0	3	7	2	0	5	10	0	6	12	17	5	2	13	25	2	1753	0	2925	860	337	1094	254	34	2	23	16
21 PRACHIN BURI	9423	13	4	120	29	1161	120	1266	118	629	3	0	3	1	1	0	1	3	2	6	0	12	5	1	8	22	1	65	2866	0	8634	762	55	27	4	34	60	30
22 CHACHOENGSAO	22303	2	6	13	2	148	37	568	180	2623	7	1	1	1	0	1	3	2	1	29	30	74	41	32	40	155	29	231	848	8643	3833	8424	897	381	42	34	60	30
23 CHON BURI	41370	67	86	91	103	540	310	1002	966	16140	37	3	43	28	14	16	28	31	27	19	48	44	20	21	26	50	19	126	336	778	8639	1759	2272	711	28	19	23	20
24 RAYONG	11280	35	43	58	55	355	146	511	276	2244	11	2	26	7	9	10	18	16	17	0	0	6	7	13	5	12	0	5	1111	55	891	894	0	4112	6	0	2	3
25 CHANTHABURI	3853	0	1	6	0	110	18	59	30	318	10	0	19	3	1	10	3	6	7	0	0	6	7	13	5	12	0	5	260	28	394	721	4258	0	0	0	3	0
26 TRAT	3007	0	0	0	0	21	0	0	0	71	2	0	4	0	0	8	3	0	10	7	11	36	15	21	305	42	1	1	36	4	40	31	4	0	0	3	2	1
30 CHAIYAPHUN	1057	1	16	262	5	100	51	87	4	12	3	0	9	2	1	0	4	10	8	7	11	36	15	21	305	42	0	0	4	3	35	19	0	0	3	0	825	8
31 YASOTHON	362	2	0	2	0	18	4	18	0	21	1	0	0	0	0	0	0	3	0	0	0	0	3	1	4	11	0	0	28	28	57	24	3	3	3	791	0	1511
32 UBON RATCHATHANI	1357	0	0	8	0	82	21	187	1	38	3	0	0	0	0	0	1	0	0	2	0	1	0	0	0	0	0	0	21	10	32	20	4	0	1	7	1511	0
33 SI SA KET	415	0	0	3	0	51	1	11	0	74	1	0	4	0	0	0	7	0	0	12	6	19	0	7	8	4	0	2	30	20	96	61	30	9	43	80	82	63
34 BURIRAM	1541	4	0	8	2	25	16	461	52	288	8	0	17	0	2	0	0	2	6	15	14	41	19	21	109	67	6	73	660	216	395	166	115	33	1321	52	119	39
35 NAKHON RATCHASIMA	7596	10	35	213	35	1625	502	461	12	3	0	0	2	1	2	0	0	0	3	8	1	7	0	0	7	1	4	0	7	5	60	22	3	3	11	127	196	447
36 SURIN	1098	0	0	0	1	9	9	24	3	22	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	0	0	20	8	31	14	0	0	11	10	14	1	
40 NONG KHAI	445	0	0	0	0	17	2	11	1	14	0	0	0	0	2	0	0	0	3	5	5	8	10	386	5	0	3	6	1	19	11	1	0	134	2	13	0	
41 LOEI	476	0	2	17	2	18	43	39	3	52	0	0	3	0	0	0	0	0	2	10	14	10	7	36	7	0	3	13	34	39	28	5	6	1	51	6	67	2
42 UDON THANI	914	0	0	9	0	18	43	0	0	32	0	0	0	2	0	0	2	0	0	0	0	5	2	0	5	2	0	11	0	10	6	0	1	23	41	74	18	
43 NAKHON PHANOM	266	0	1	0	0	0	10	0	0	7	0	0	2	0	0	0	0	0	0	0	2	0	5	0	0	0	9	4	24	14	3	2	22	34	5			
44 SAKHON NAKHON	483	0	1	0	0	10	10	6	2	7	0	0	2	0	0	0	0	0	0	0	0	0	2	0	5	0	0	9	4	24	14	3	2	22	34	5		
45 KHON KAEN	2755	4	0	37	3	216	22	131	3	151	18	0	36	11	2	13	27	27	0	29	31	109	51	35	877	19	7	32	38	109	55	10	2387	187	193	42		
46 KALASIN	460	6	5	0	0	17	6	8	0	17	2	0	2	0	0	0	2	2	0	7	2	10	4	7	17	3	1	1	6	0	44	20	0	0	6	69	74	
47 MAHA SARAKHAN	399	2	0	1	3	29	0	0	7	10	0	0	2	1	0	0	0	1	1	2	0	2	2	2	11	0	1	1	5	0	45	31	8	0	13	769	140	6
48 ROI ET	1307	0	0	2	0	53	3	20	0	215	2	0	6	0	0	0	0	1	1	0	3	1	1	1	6	0	44	20										
49 MUKDAHAN	182	0	0	0	0	27	12	0	0	36	0	0	6	4	0	0	0	0	0	0	0	1	0	1	0	0	0	528	40	12								
70 SUPHAN BURI	10603	287	29	11	0	3	0	203	954	419	1	0	6	4	0	8	10	6	1	5	3	21	42	14	15	327	29	5	15	41	172	79	17	0	10	0	1	12
71 KANCHANABURI	6100	13	5	5	0	8	0	530	369	486	2	0	34	1	1	0	7	1	0	3	1	10	14	6	5	38	0	2	3	69	151	64	0	0	0	0	9	0
72 NAKHON PATHON	68128	62	29	115	151	271	391	6049	5775	2943	16	0	22	0	0	1	4	13	0	5	8	36	24	11	12	44	20	130	8	211	719	367	13	0	2	0	1	0
73 RATCHABURI	17086	16	21	8	0	17	0	369	635	1092	11	0	9	0	1	1	4	0	5	4	8	18	3	9	5	28	2	3	0	27	344	150	0	0	1	0	0	0
74 SAMUT SAKHON	63318	9	0	32	120	151	101	1626	1343	2708	6	0	5	3	0	2	5	3	0	3	8	0	1	0	11	82	1	37	14	84	642	260	38	38	1	0	3	0
75 SAMUT SONGKHRAN	8468	11	2	0	0	19	19	301	132	429	2	0	5	4	0	0	2	0	0	1	0	0	0	0	15	1	1	0	3	185	101	9	22	1	0	0		
76 PHETCHABURI	5518	5	7	31	0	1	0	245	244	398	5	0	5	1	0	0	0	0	0	1	1	0	0	4	8	5	0	9	1	55	31	1	8	0	0	1	0	
77 PRACHUAP KHIRI KHAN	4276	1	4	0	0	27	0	95	90	198	5	0	2	0	0	0	0	0	0	0	0	0	0	3	0	4	0	0	18	44	44	6	2	0	0	10	0	
80 CHUMPHON	1678	0	0	0	2	4	0	0	0	11	0	0	2	0	0	0	2	0	0	0	0	8	0	0	4	0	0	0	1	16	9	0	0	0	0			
81 RANONG	274	0	0	0	4	4	0	0	22	40	0	0	2	0	0	0	2	0	0	0	0	0	0	3	4	0	0	5	4	26	25	6	5	4				
82 SURATTHANI	1711	0	0	0	0	0	5	17	0	0	0	0	2	0	0	0	0	0	0	0	8	0	0	3	4	0	0	0	5	11	8	0	0					
83 PHANG NGA	373	0	0	0	0	0	0	17	3	8	30	0	0	0	0	0	0	0	5	0	0	0	0	0	35	30	0	0										
84 NAKHON SI THAMMARAT	2790	4	6	4	0	39	0	33	8	30	0	0	0	0	0	0	5	0	0	0	0	0	0	0	10	6	0	0										
85 KRABI	1873	0	0	0	0	0	0	6	3	23	1	0	4	0	0	0	0	0	0	0	0	0	1	12	10	0	0											
86 PHUKET	596	0	2	0	0	5	0	6	3	10	0	0	0	0	0	0	0	0	9	6	0	0															
90 PHATTHALUNG	98	0	0	0	0	0	0	0	0	30	0	0	2	3	0	0	0	4	18	9	0	0															
91 TRANG	283	0	0	0	0	4	0	4	0	30	0	0	7	2	0	10	0	4	18	9	0	0															
92 SONGKHLA	1840	0	0	3	9	0	45	16	79	5	0	7	2	0	0	0	30	25	3	10																	
93 SATUN	249	0	3	0	2	4	0	0	0	2	0	0	0	0	22	15	4	0																		
94 PATTANI	438	0	0	0	0	0	0	0	30	0	0	2	0	24	8	0	0																			
95 YALA	213	0	0	0	0	0	7	1	3	0	0	0	9	11	0	0																				
96 NARATHIWAT	308	2	3	0	0	0	17	1	3	2	0	1	0	3	4	9	11	0	0																	
TOTAL	678457	7689	7097	14937	8121	55064	38020	55417	50585	312273	4678	390	9985	3599	1263	5275	6873	5800	3329	5990	5301	11486	6476	5938	8568	13512	2110	17201	21892	41398	91510	31985	13641	9098	6166	3220	5541	2775

Appendix 6.26　INTER—CHANGWAT OD TABLE — 2010

	34	35	36	40	41	42	43	44	45	46	47	48	49	70	71	72	73	74	75	76	77	80	81	82	83	84	85	86	90	91	92	93	94	95	96	TOTAL
1 BANGKOK METROPOLITAN	1495	7712	1095	418	453	856	262	154	2547	430	356	1197	184	12039	6654	75635	18130	70830	9210	5971	1654	1631	255	1517	295	2612	1853	505	82	237	1531	213	387	197	288	748680
10 CHAI NAT	3	10	0	0	0	0	0	0	4	7	2	0	0	302	14	73	18	10	11	6	1	0	0	0	0	3	0	0	0	1	0	0	0	0	2	7702
11 SING BURI	0	36	0	0	0	0	2	1	0	6	0	0	0	30	5	30	22	0	2	8	1	0	0	0	0	3	0	2	0	1	0	3	0	0	3	6949
12 LOP BURI	9	213	3	0	14	11	0	0	31	0	1	1	0	11	5	128	8	32	0	31	0	0	0	0	0	3	0	0	0	3	0	0	0	0	0	14721
13 ANG THONG	2	35	0	1	1	0	0	0	2	0	2	0	0	0	0	163	0	133	0	0	0	0	1	4	0	0	0	0	0	8	4	0	0	0	0	8209
14 SARABURI	23	1635	45	8	15	17	0	9	199	12	23	49	26	3	8	273	17	153	19	1	27	10	2	4	0	37	0	5	0	4	0	4	0	0	0	52266
15 PHRA NAKHON SI AYUTTHAYA	15	199	3	9	2	41	10	10	18	6	0	3	12	0	0	395	0	104	19	0	0	2	0	0	3	0	0	0	0	0	0	0	0	0	0	33882
16 PATHUM THANI	14	442	20	24	11	35	0	0	120	8	0	19	0	205	543	6289	578	1692	310	248	96	31	0	0	16	32	0	5	0	0	45	0	0	7	15	55118
17 NONTHABURI	3	53	8	2	2	3	0	1	2	0	6	0	0	872	365	5825	624	1364	131	241	88	8	0	18	0	5	0	5	0	0	14	0	0	3	1	47113
18 SAMUT PRAKAN	65	281	3	21	13	49	0	7	133	17	9	208	34	419	485	2939	1081	2708	424	395	193	57	9	37	0	26	3	21	9	29	71	0	30	2	7	276901
50 CHAING RAI	1	6	0	0	0	0	0	0	17	3	0	2	0	1	2	18	9	8	2	1	6	0	0	0	0	0	0	1	0	0	5	0	0	2	0	4744
51 MAE HONG SON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	403
52 CHIANG MAI	4	18	2	0	0	4	0	2	36	2	2	6	1	6	33	24	11	6	0	7	6	2	0	1	0	2	0	6	0	2	6	2	0	0	1	10116
53 PHAYAO	0	0	1	0	0	0	1	0	10	0	1	0	0	5	2	0	0	4	4	1	2	0	0	0	0	0	0	0	0	3	3	0	0	0	0	3704
54 NAN	0	0	2	0	1	0	0	0	2	0	0	0	0	0	1	0	1	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1275
55 LAMPHUN	0	0	0	0	0	0	0	0	14	0	0	4	0	8	0	0	1	2	0	0	0	0	0	2	0	0	0	0	0	0	8	0	0	0	0	5416
56 LAMPANG	7	3	0	0	0	0	2	0	24	2	0	0	0	10	7	2	5	7	0	3	0	2	0	0	0	0	0	0	0	0	5	0	0	1	1	6997
57 PHRAE	0	8	0	0	0	0	0	0	25	2	5	2	0	7	2	18	0	4	3	0	0	0	0	0	0	5	0	0	2	0	0	0	0	0	0	6028
60 UTTARADIT	0	5	3	0	3	0	0	0	5	0	0	1	0	1	4	7	4	0	0	0	0	1	0	0	0	0	1	0	0	2	0	0	0	0	0	3421
61 SUKHOTHAI	13	17	7	0	6	2	0	0	30	0	7	2	0	3	1	10	9	3	0	7	1	0	0	0	0	0	0	0	0	0	3	0	0	0	3	6189
62 TAK	8	16	1	0	4	9	0	0	31	0	2	10	0	22	13	42	21	11	1	2	1	0	0	7	0	0	0	4	0	2	0	0	0	1	2	5397
63 PHITSANULOK	20	44	7	0	4	12	0	0	99	1	10	3	1	34	13	25	3	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	11719
64 KAMPHAENG PHET	0	19	0	0	9	10	0	2	46	3	3	2	1	13	6	13	12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	6198
65 PHICHIT	7	20	0	2	10	8	0	0	38	0	7	1	1	16	6	13	5	14	0	0	4	3	0	3	0	4	0	0	0	0	3	0	0	0	0	5925
66 PHETCHABUN	8	106	8	6	336	30	5	3	752	5	16	10	0	326	38	17	29	95	13	2	8	0	4	4	0	0	0	0	0	0	0	0	0	0	0	8719
67 NAKHON SAWAN	4	66	1	0	6	7	1	0	41	2	3	0	0	29	0	21	2	1	2	0	5	0	4	0	0	0	0	0	0	0	0	0	0	0	0	13542
68 UTHAI THANI	0	6	3	0	0	4	0	0	6	0	1	1	0	5	2	132	3	39	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16505
20 NAKHON NAYOK	1	71	0	0	0	4	0	0	6	0	1	1	0	17	3	8	0	14	0	7	9	0	0	4	0	0	0	0	0	0	0	0	0	0	3	21095
21 PRACHIN BURI	25	606	7	14	5	13	8	7	39	3	5	5	0	41	69	212	27	85	3	11	1	18	1	3	0	0	1	0	4	0	0	0	0	0	4	39231
22 CHACHOENGSAO	18	227	4	8	1	33	0	4	34	10	0	0	1	41	69	212	27	85	3	11	1	18	1	3	0	0	1	0	4	0	0	0	0	0	4	39231
23 CHON BURI	85	395	62	28	19	37	10	21	95	47	43	44	9	173	154	773	359	672	189	121	51	42	16	25	11	32	9	12	9	17	31	20	13	23	8	88410
24 RAYONG	58	167	21	13	11	26	6	14	56	14	21	29	6	80	66	410	165	283	105	60	31	45	8	23	9	26	6	9	7	9	22	15	8	7	8	31891
25 CHANTHABURI	27	117	3	0	1	7	0	2	8	0	7	0	0	17	0	13	0	38	9	4	1	3	0	5	0	0	0	0	0	0	3	0	4	0	0	13177
26 TRAT	0	32	3	0	0	6	0	4	13	2	0	0	0	0	0	0	0	0	39	22	0	8	2	0	3	0	0	0	0	0	8	0	0	0	0	8954
30 CHAIYAPHUM	43	1239	10	9	125	51	1	2	2251	5	6	12	511	4	10	2	1	1	0	5	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	5974
31 YASOTHON	84	59	138	9	2	6	50	22	193	21	71	800	511	0	1	9	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	3312
32 UBON RATCHATHANI	85	123	206	12	13	65	87	40	186	33	72	139	267	0	1	9	1	0	0	0	1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	5530
33 SI SA KET	66	43	465	1	0	2	0	5	42	5	18	6	9	12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2845
34 BURIRAM	0	2151	1186	6	6	3	3	31	184	26	546	324	29	0	5	22	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6592
35 NAKHON RATCHASIMA	1975	0	164	34	34	267	11	52	1603	29	80	84	8	33	28	77	34	38	20	5	8	11	1	3	0	2	0	2	1	0	8	3	0	5	3	18966
36 SURIN	1193	170	0	5	5	3	9	8	91	14	29	645	14	0	0	7	0	7	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4315
40 KONG KHAI	6	39	5	0	23	2231	310	694	531	17	18	19	16	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4542
41 LOEI	6	38	5	23	0	822	1	25	1507	2	18	28	0	2	2	6	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	3617
42 UDON THANI	3	256	3	2132	852	0	103	1084	2717	48	45	51	5	7	0	7	2	0	0	2	0	2	0	7	0	0	0	1	0	3	0	0	0	0	0	8751
43 NAKHON PHANOM	4	12	10	308	1	104	0	543	129	32	9	9	480	2	0	20	0	0	0	0	0	0	0	3	0	2	0	0	0	0	0	0	0	0	0	2130
44 SAKHON NAKHON	38	53	10	690	27	1109	540	0	341	318	35	36	77	0	0	6	0	8	6	0	0	6	0	3	0	0	0	0	0	6	0	0	0	0	0	3951
45 KHON KAEN	197	1801	96	491	1507	2613	120	316	0	1538	937	63	9	1	22	37	20	8	5	8	0	0	4	0	0	3	0	0	0	3	5	0	0	0	0	20435
46 KALASIN	28	26	14	16	2	54	30	311	1580	0	602	951	0	6	5	0	3	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4302
47 MAHA SARAKHAM	591	75	29	16	18	51	8	33	2928	593	0	980	14	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	6089
48 ROI ET	337	95	653	17	29	50	8	33	924	955	971	0	13	5	3	16	5	9	0	5	0	2	0	0	0	6	0	4	0	0	0	0	0	0	0	6788
49 MUKDAHAN	33	8	17	16	0	5	481	76	64	0	14	15	0	0	8	0	0	0	9	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1837
70 SUPHAN BURI	0	34	0	0	2	7	2	0	8	0	1	5	0	0	1264	2076	101	375	112	21	12	5	0	1	1	2	0	0	0	0	3	1	0	0	0	17277
71 KANCHANABURI	4	27	0	1	2	0	0	0	1	5	0	3	0	1264	0	2779	5530	180	498	192	75	19	0	0	2	0	0	0	0	4	3	0	3	0	4	18151
72 NAKHON PATHOM	17	72	7	0	4	6	13	3	12	0	0	9	8	2061	2771	0	10241	66	3346	477	219	31	0	26	0	29	7	4	0	4	39	2	7	7	10	102244
73 RATCHABURI	12	34	0	0	0	1	0	0	33	5	0	9	0	101	5530	10384	0	1692	3186	2089	344	44	5	10	2	10	0	7	13	2	0	6	43753		
74 SAMUT SAKHON	0	36	7	0	0	0	0	7	11	0	0	9	0	375	178	66	1672	0	517	177	61	46	30	7	18	0	3	0	7	13	13	42	4	0	77137	
75 SAMUT SONGKHRAM	0	18	0	0	0	0	0	0	7	1	0	9	0	9	113	478	3335	3222	477	158	25	3	9	0	4	0	0	0	5	0	0	0	17598			
76 PHETCHABURI	0	5	1	0	0	2	0	0	0	0	0	3	0	21	192	479	2091	526	482	0	3327	81	26	16	4	10	0	6	0	0	11	0	2	4	16	13983
77 PRACHUAP KHIRI KHAN	0	8	0	0	0	0	0	0	0	0	1	0	0	12	75	221	349	183	161	3122	0	903	66	76	12	48	9	10	2	1	34	0	2	4	16	10175
80 CHUMPHON	0	11	0	0	0	2	0	5	0	1	0	2	4	5	19	35	46	66	26	78	934	0	739	1119	58	109	25	22	9	17	69	1	15	0	5	5346
81 RANONG	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	47	4	24	68	739	0	179	240	19	17	83	3	13	65	4	5	4	2	1847
82 SURATTHANI	0	4	0	0	3	7	3	2	4	0	0	0	0	1	0	36	13	35	9	22	98	1176	189	0	81	3826	507	122	77	246	462	13	30	3	13	8857
83 PHANG NGA	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	2	11	0	9	5	15	68	282	91	0	83	617	2672	14	60	61	0	0	2	3	4438
84 NAKHON SI THAMMARAT	0	3	0	0	0	0	2	0	0	0	0	0	0	2	0	42	17	19	0	10	60	123	20	4012	79	0	8895	131	1091	1657	4353	43	204	72	34	23867
85 KRABI	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	9	0	0	0	9	10	23	17	534	619	8904	0	283	49	799	991	0	4	4	0	14139
86 PHUKET	0	2	0	0	0	0	2	0	0	0	2	4	0	0	1	6	6	4	0	9	41	19	79	126	2524	141	277	0	11	107	115	0	10	1	3	4161
90 PHATTHALUNG	0	2	0	0	0	0	0	0	0	0	0	0	0	0	4	7	7	0	0	3	7	3	84	13	1121	47	14	0	964	1806	63	30	21	25	5455	
91 TRANG	0	10	0	0	0	3	0	0	5	0	0	0	0	3	4	45	16	14	5	14	44	81	67	493	56	4323	979	107	1733	1052	0	2222	3577	338	402	17684
92 SONGKHLA	0	3	0	0	0	0	0	0	0	0	0	0	0	0	4	2	13	0	0	0	2	4	14	0	0	44	0	0	63	0	2276	0	31	10	7	2778
93 SATUN	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1	7	0	43	0	2	2	19	5	34	0	219	4	10	30	30	3740	36	0	3110	1513	9307
94 PATTANI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	6	0	0	4	16	0	4	4	3	69	4	1	21	12	316	10	2857	0	128	3740
95 YALA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	6	0	0	4	16	5	2	13	3	36	0	3	26	8	405	7	1398	128	0	2449
96 NARATHIWAT	0	2	0	0	0	0	0	0	0	0	0	0	0																							
TOTAL	6637	19333	4340	4340	3585	8686	2089	3833	19835	4231	5968	6670	1793	18631	18718	110430	44706	84944	18360	14215	10820	5347	1869	8828	4099	23511	14084	4201	4215	5302	17682	2686	8697	3968	2531	2091844

Appendix 6.27   PRESENT AND FUTURE INTER-CHANGWAT DESIRE LINE CHARTS

INTER-CHANGWAT DESIRE LINE CHART - 1990
i. WITHOUT CHANGWATS OF BMR
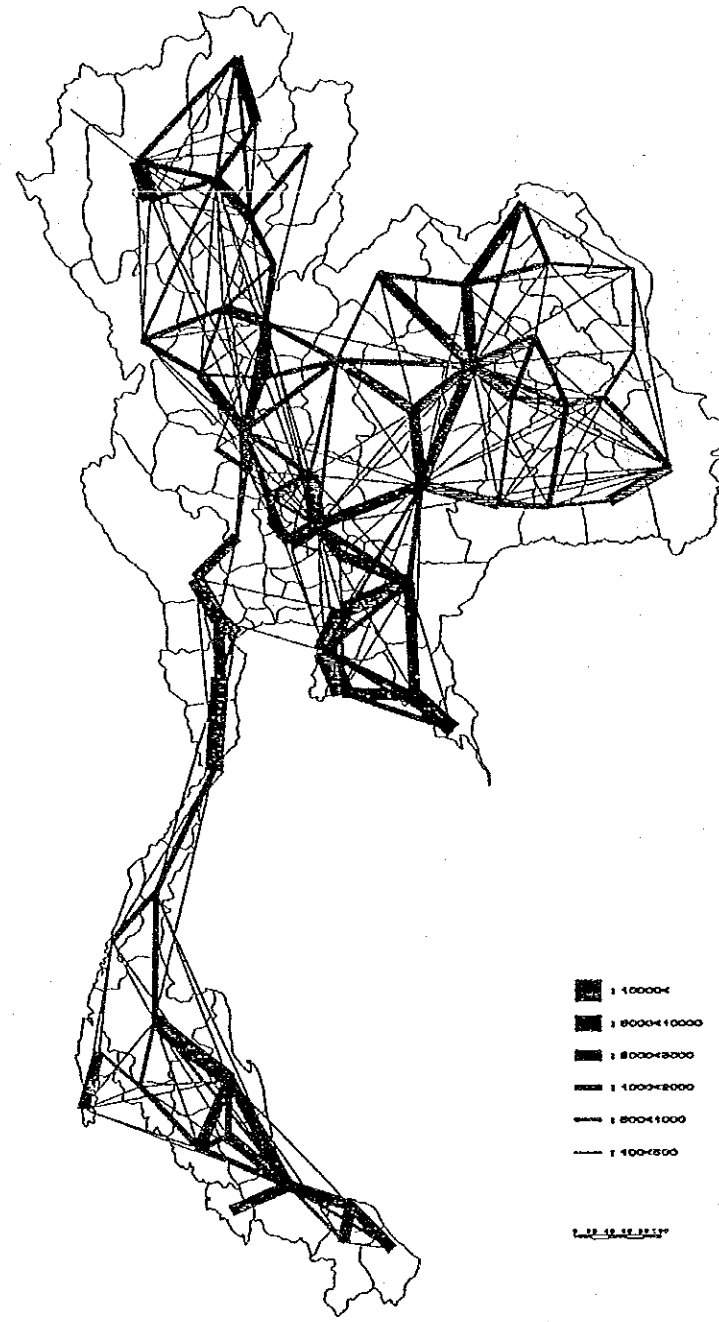
INTER-CHANGWAT DESIRE LINE CHART - 2000
i. WITHOUT CHANGWATS OF BMR
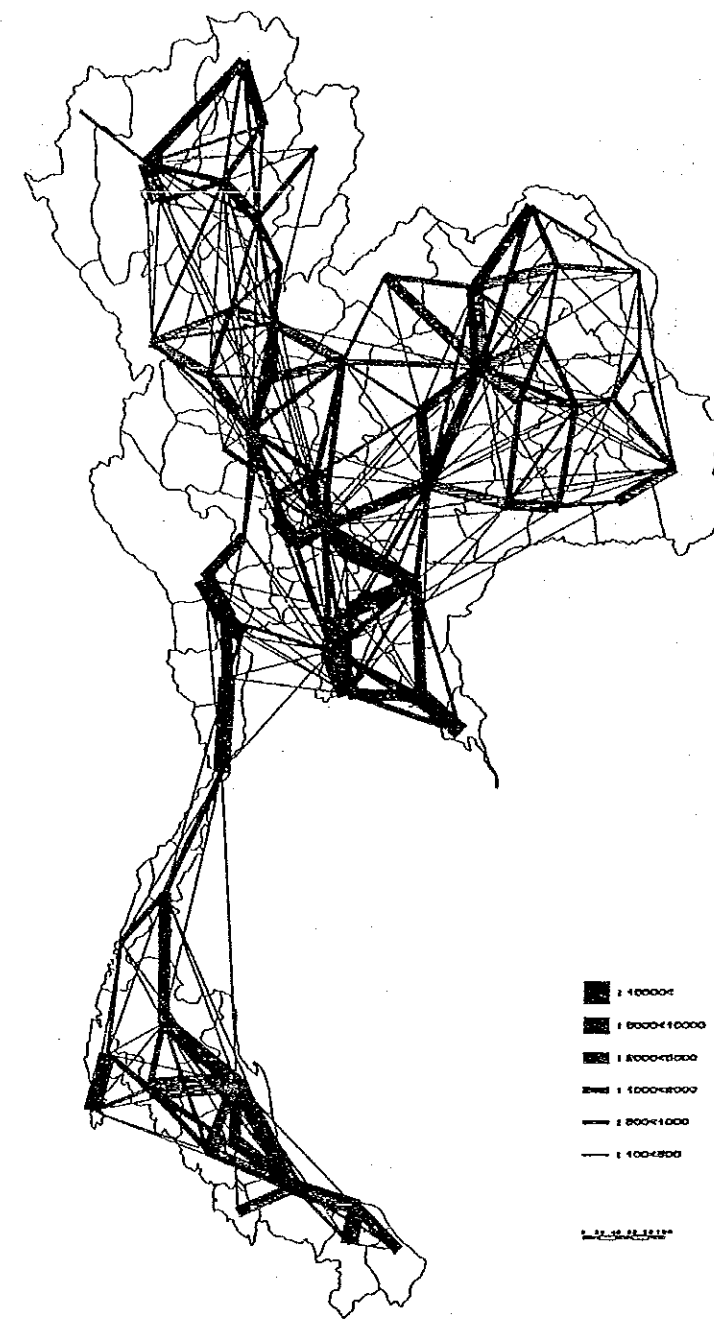
INTER-CHANGWAT DESIRE LINE CHART - 2010
i. WITHOUT CHANGWATS OF BMR   (continued)

Appendix 6.27 PRESENT AND FUTURE INTER - CHANGWAT DESIRE LINE CHARTS
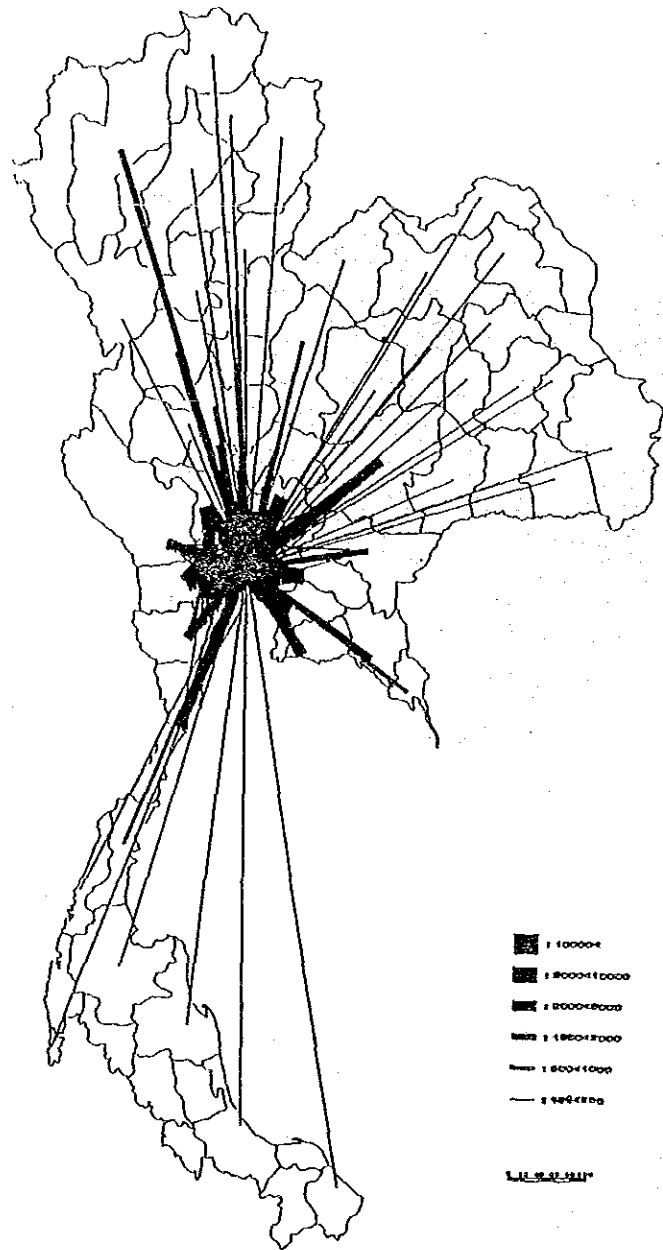
INTER-CHANGWAT DESIRE LINE CHART - 1990
ii. CHANGWATS OF BMR
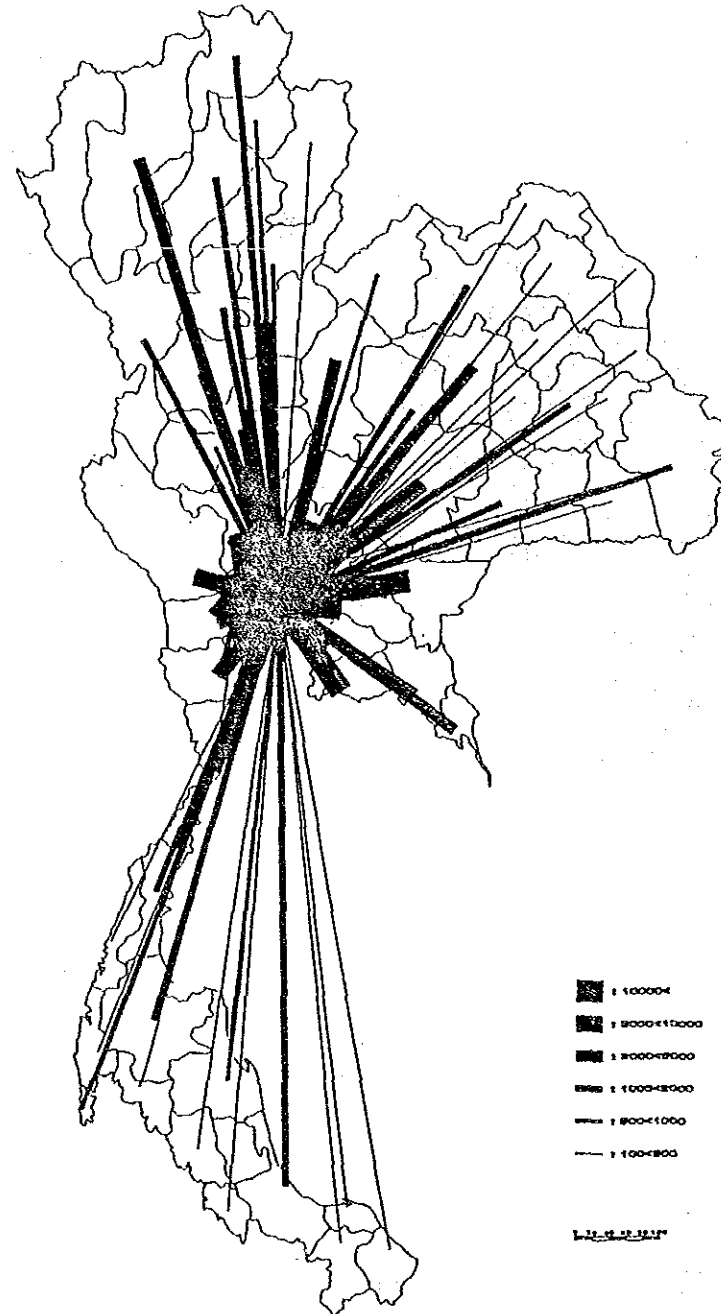
INTER-CHANGWAT DESIRE LINE CHART - 2000
ii. CHANGWATS OF BMR
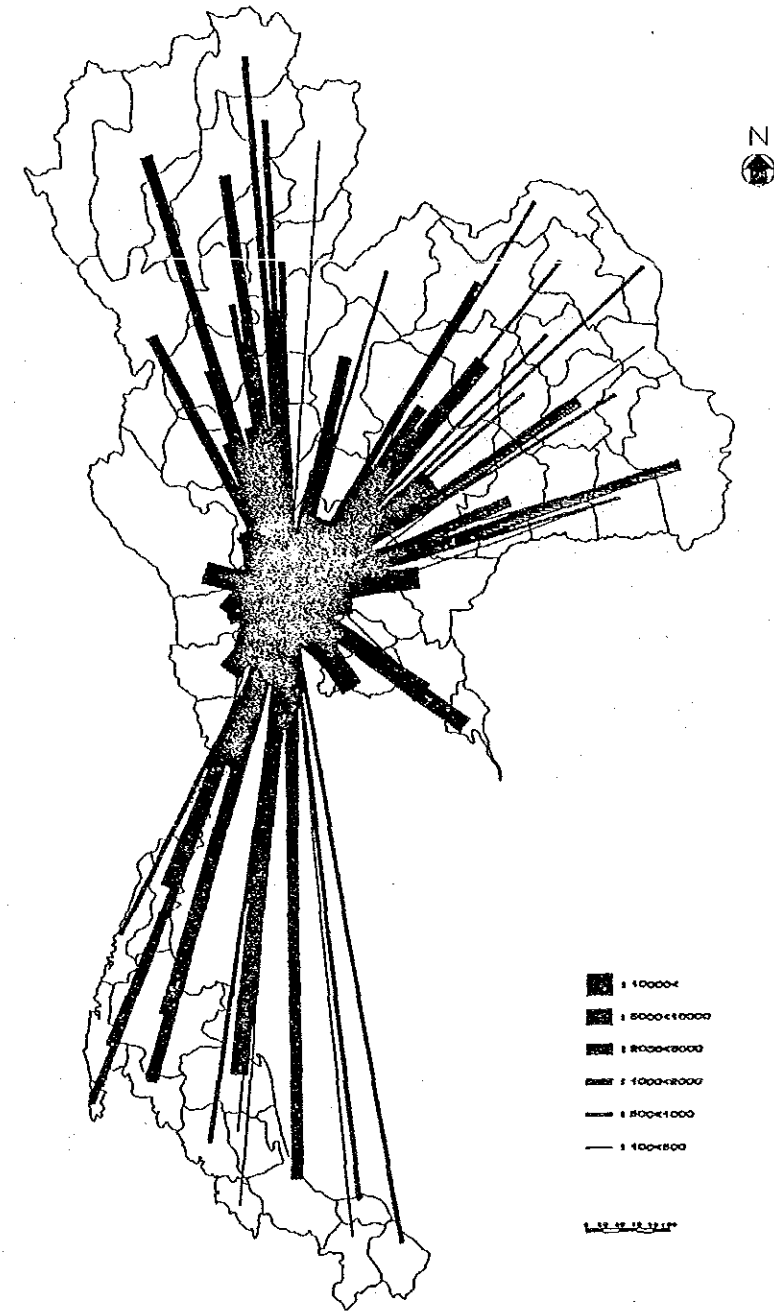
INTER-CHANGWAT DESIRE LINE CHARTS - 2010
ii. CHANGWATS OF BMR

Appendix 6.28 GENERATED AND ATTRACTED INTER-CHANGWAT TRIPS -- 2000

RANK	GENERATION Code	Changwat	Trip	ATTRACTION Code	Changwat	Trip	GENERATION + ATTRACTION Code	Changwat	Trip-end
1	1	BANGKOK METROPOLITAN	360387	1	BANGKOK METROPOLITAN	338360	1	BANGKOK METROPOLITAN	698747
2	18	SAMUT PRAKAN	132003	18	SAMUT PRAKAN	142690	18	SAMUT PRAKAN	274693
3	23	CHON BURI	62983	23	CHON BURI	64469	23	CHON BURI	127452
4	72	NAKHON PATHOM	50777	72	NAKHON PATHOM	53111	72	NAKHON PATHOM	103888
5	74	SAMUT SAKHON	34368	74	SAMUT SAKHON	36450	74	SAMUT SAKHON	70818
6	73	RATCHABURI	33241	73	RATCHABURI	33871	73	RATCHABURI	66827
7	14	SARABURI	32825	14	SARABURI	33586	14	SARABURI	66696
8	22	CHACHOENGSAO	26900	22	CHACHOENGSAO	27777	22	CHACHOENGSAO	54677
9	16	PATHUM THANI	25646	16	PATHUM THANI	25615	16	PATHUM THANI	51261
10	15	AYUTTHAYA	22406	15	AYUTTHAYA	24231	15	AYUTTHAYA	46637
11	17	NONTHABURI	22095	17	NONTHABURI	22983	17	NONTHABURI	45078
12	24	RAYONG	22015	24	RAYONG	21873	24	RAYONG	43888
13	45	KHON KAEN	15441	21	PRACHIN BURI	15377	45	KHON KAEN	30574
14	21	PRACHIN BURI	15092	45	KHON KAEN	15133	21	PRACHIN BURI	30469
15	35	NAKHON RATCHASIMA	14671	35	NAKHON RATCHASIMA	14860	35	NAKHON RATCHASIMA	29531
16	70	SUPHAN BURI	13725	70	SUPHAN BURI	14416	71	SUPHAN BURI	28141
17	71	KANCHANABURI	13476	71	KANCHANABURI	13698	71	KANCHANABURI	27174
18	75	SAMUT SONGKHRAM	12123	75	SAMUT SONGKHRAM	12425	75	SAMUT SONGKHRAM	24548
19	20	NAKHON NAYOK	12020	20	NAKHON NAYOK	12321	20	NAKHON NAYOK	24341
20	92	SONGKHLA	10675	92	SONGKHLA	10719	92	SONGKHLA	21394
21	12	LOP BURI	10386	12	LOP BURI	10472	12	LOP BURI	20858
22	25	CHANTHABURI	10297	25	CHANTHABURI	10416	25	CHANTHABURI	20713
23	76	PHETCHABURI	10249	76	PHETCHABURI	10261	76	PHETCHABURI	20506
24	67	NAKHON SAWAN	10143	67	NAKHON SAWAN	10102	67	NAKHON SAWAN	20245
25	63	PHITSANULOK	8583	63	PHITSANULOK	8447	63	PHITSANULOK	17030
26	84	NAKHON SI THAMMARAT	8468	84	NAKHON SI THAMMARAT	8339	84	NAKHON SI THAMMARAT	16807
27	77	PRACHUAP KHIRI KHAN	7673	77	PRACHUAP KHIRI KHAN	7908	77	PRACHUAP KHIRI KHAN	15581
28	52	CHIANG MAI	7641	52	CHIANG MAI	7626	52	CHIANG MAI	15267
29	42	UDON THANI	6961	42	UDON THANI	6958	42	UDON THANI	13919
30	26	TRAT	6637	26	TRAT	6703	26	TRAT	13340
31	66	PHETCHABUN	6609	66	PHETCHABUN	6572	66	PHETCHABUN	13181
32	94	PATTANI	6268	94	PATTANI	5959	94	PATTANI	12227
33	13	ANG THONG	6034	13	ANG THONG	5909	13	ANG THONG	11943
34	82	SURATTHANI	5815	82	SURATTHANI	5805	82	SURATTHANI	11620
35	11	SING BURI	5520	11	SING BURI	5605	11	SING BURI	11125
36	56	LAMPANG	5485	56	LAMPANG	5431	56	LAMPANG	10916
37	10	CHAI NAT	5244	10	CHAI NAT	5185	10	CHAI NAT	10429
38	48	ROI ET	5164	48	ROI ET	5103	48	ROI ET	10267
39	47	MAHA SARAKHAM	4985	47	MAHA SARAKHAM	4988	47	MAHA SARAKHAM	9973

RANK	GENERATION Code	Changwat	Trip	ATTRACTION Code	Changwat	Trip	GENERATION + ATTRACTION Code	Changwat	Trip-end
40	34	BURIRAM	4978	65	BURIRAM	4900	65	BURIRAM	9868
41	65	PHICHIT	4968	61	SUKHOTHAI	4879	34	BURIRAM	9856
42	61	SUKHOTHAI	4962	34	BURIRAM	4878	61	SUKHOTHAI	9841
43	57	PHRAE	4789	64	KAMPHAENG PHET	4764	64	KAMPHAENG PHET	9517
44	64	KAMPHAENG PHET	4753	57	PHRAE	4663	57	PHRAE	9452
45	30	CHAIYAPHUM	4462	30	CHAIYAPHUM	4565	30	CHAIYAPHUM	9027
46	55	LAMPHUN	4453	55	LAMPHUN	4346	55	LAMPHUN	8799
47	32	UBON RATCHATHANI	4116	32	UBON RATCHATHANI	4134	32	UBON RATCHATHANI	8250
48	91	TRANG	3916	91	TRANG	3849	91	TRANG	7765
49	62	TAK	3710	80	CHUMPHON	3688	62	TAK	7372
50	50	CHIANG RAI	3682	62	TAK	3662	80	CHUMPHON	7353
51	80	CHUMPHON	3665	50	CHIANG RAI	3658	50	CHIANG RAI	7340
52	86	PHUKET	3343	86	PHUKET	3340	86	PHUKET	6683
53	40	NONG KHAI	3295	36	SURIN	3274	46	KALASIN	6536
54	46	KALASIN	3279	46	KALASIN	3257	36	SURIN	6528
55	36	SURIN	3254	40	NONG KHAI	3219	40	NONG KHAI	6514
56	83	PHANG NGA	3116	90	PHATTHALUNG	2998	83	PHANG NGA	6114
57	90	PHATTHALUNG	3041	83	PHANG NGA	2998	90	PHATTHALUNG	6039
58	44	SAKHON NAKHON	3023	44	SAKHON NAKHON	2974	44	SAKHON NAKHON	5997
59	53	PHAYAO	2888	53	PHAYAO	2853	53	PHAYAO	5741
60	41	LOEI	2828	95	YALA	2822	41	LOEI	5629
61	95	YALA	2673	41	LOEI	2801	95	YALA	5495
62	60	UTTARADIT	2580	60	UTTARADIT	2551	60	UTTARADIT	5131
63	31	YASOTHON	2564	31	YASOTHON	2531	31	YASOTHON	5095
64	33	SI SA KET	2156	33	SI SA KET	2126	33	SI SA KET	4282
65	85	KRABI	2012	85	KRABI	1988	85	KRABI	4000
66	93	SATUN	1822	93	SATUN	1783	93	SATUN	3605
67	96	NARATHIWAT	1705	96	NARATHIWAT	1758	96	NARATHIWAT	3463
68	43	NAKHON PHANOM	1622	68	UTHAI THANI	1660	68	UTHAI THANI	3242
69	68	UTHAI THANI	1582	43	NAKHON PHANOM	1602	43	NAKHON PHANOM	3224
70	81	RANONG	1545	81	RANONG	1553	81	RANONG	3098
71	49	MUKDAHAN	1385	49	MUKDAHAN	1369	49	MUKDAHAN	2754
72	54	NAN	1010	54	NAN	1014	54	NAN	2024
73	51	MAE HONG SON	323	51	MAE HONG SON	316	51	MAE HONG SON	639
TOTAL			1174527			1174527			2349054

Note: The used code is the code of the Land Transport Department (LTD).

Appendix 6.29 GENERATED AND ATTRACTED INTER-CHANGWAT TRIPS — 2010

RANK	GENERATION			ATTRACTION			GENERATION + ATTRACTION		
	Code	Changwat	Trip	Code	Changwat	Trip	Code	Changwat	Trip-end
1	1	BANGKOK METROPOLITAN	748680	1	BANGKOK METROPOLITAN	678457	1	BANGKOK METROPOLITAN	1427137
2	18	SAMUT PRAKAN	276901	18	SAMUT PRAKAN	312273	18	SAMUT PRAKAN	589174
3	72	NAKHON PATHOM	102244	72	NAKHON PATHOM	110423	72	NAKHON PATHOM	212674
4	23	CHON BURI	88410	23	CHON BURI	91510	23	CHON BURI	179920
5	74	SAMUT SAKHON	77137	74	SAMUT SAKHON	84944	74	SAMUT SAKHON	162081
6	16	PATHUM THANI	55118	16	PATHUM THANI	55417	16	PATHUM THANI	110535
7	14	SARABURI	52266	14	SARABURI	55064	14	SARABURI	107330
8	17	NONTHABURI	47115	17	NONTHABURI	50585	17	NONTHABURI	97700
9	73	RATCHABURI	43753	73	RATCHABURI	44706	73	RATCHABURI	88459
10	22	CHACHOENGSAO	39231	22	CHACHOENGSAO	41398	22	CHACHOENGSAO	80629
11	15	AYUTTHAYA	33882	15	AYUTTHAYA	38020	15	AYUTTHAYA	71902
12	24	RAYONG	31891	24	RAYONG	31985	24	RAYONG	63876
13	84	NAKHON SI THAMMARAT	23867	84	NAKHON SI THAMMARAT	23511	84	NAKHON SI THAMMARAT	47378
14	21	PRACHIN BURI	21095	21	PRACHIN BURI	21892	21	PRACHIN BURI	42987
15	45	KHON KAEN	20435	45	KHON KAEN	19835	45	KHON KAEN	40270
16	35	NAKHON RATCHASIMA	18966	35	NAKHON RATCHASIMA	19333	35	NAKHON RATCHASIMA	38299
17	71	KANCHANABURI	18151	71	KANCHANABURI	18718	71	KANCHANABURI	36869
18	92	SONGKHLA	17684	70	SUPHAN BURI	18631	75	SAMUT SONGKHRAM	35958
19	75	SAMUT SONGKHRAM	17598	75	SAMUT SONGKHRAM	18360	70	SUPHAN BURI	35908
20	70	SUPHAN BURI	17277	92	SONGKHLA	17682	92	SONGKHLA	35366
21	20	NAKHON NAYOK	16505	20	NAKHON NAYOK	17201	20	NAKHON NAYOK	33706
22	12	LOP BURI	14721	12	LOP BURI	14937	12	LOP BURI	29658
23	85	KRABI	14139	76	PHETCHABURI	14215	85	KRABI	28223
24	76	PHETCHABURI	13983	85	KRABI	14084	76	PHETCHABURI	28198
25	67	NAKHON SAWAN	13542	25	CHANTHABURI	13641	67	NAKHON SAWAN	27054
26	25	CHANTHABURI	13177	67	NAKHON SAWAN	13512	25	CHANTHABURI	26818
27	63	PHITSANULOK	11749	63	PHITSANULOK	11486	63	PHITSANULOK	23235
28	77	PRACHUAP KHIRI KHAN	10175	77	PRACHUAP KHIRI KHAN	10820	77	PRACHUAP KHIRI KHAN	20995
29	52	CHIANG MAI	10116	52	CHIANG MAI	9985	52	CHIANG MAI	20101
30	94	PATTANI	9307	26	TRAT	9098	26	TRAT	18052
31	26	TRAT	8954	82	SURATTHANI	8828	94	PATTANI	18004
32	82	SURATTHANI	8857	94	PATTANI	8697	82	SURATTHANI	17685
33	42	UDON THANI	8751	42	UDON THANI	8686	42	UDON THANI	17437
34	66	PHETCHABUN	8719	66	PHETCHABUN	8568	66	PHETCHABUN	17287
35	13	ANG THONG	8209	13	ANG THONG	8121	13	ANG THONG	16330
36	10	CHAI NAT	7702	10	CHAI NAT	7689	10	CHAI NAT	15391
37	56	LAMPANG	6997	11	SING BURI	7097	11	SING BURI	14046
38	11	SING BURI	6949	56	LAMPANG	6873	56	LAMPANG	13870
39	34	BURIRAM	6792	48	ROI ET	6670	48	ROI ET	13458

RANK	GENERATION			ATTRACTION			GENERATION + ATTRACTION		
	Code	Changwat	Trip	Code	Changwat	Trip	Code	Changwat	Trip-end
40	48	ROI ET	6788	34	BURIRAM	6637	34	BURIRAM	13429
41	64	KAMPHAENG PHET	6498	64	KAMPHAENG PHET	6476	64	KAMPHAENG PHET	12974
42	61	SUKHOTHAI	6189	30	CHAIYAPHUM	6166	61	SUKHOTHAI	12179
43	47	MAHA SARAKHAM	6089	61	SUKHOTHAI	5990	30	CHAIYAPHUM	12140
44	57	PHRAE	6028	47	MAHA SARAKHAM	5968	47	MAHA SARAKHAM	12057
45	30	CHAIYAPHUM	5974	65	PHICHIT	5938	65	PHICHIT	11863
46	65	PHICHIT	5925	57	PHRAE	5800	57	PHRAE	11828
47	32	UBON RATCHATHANI	5530	32	UBON RATCHATHANI	5541	32	UBON RATCHATHANI	11071
48	91	TRANG	5455	80	CHUMPHON	5347	91	TRANG	10757
49	55	LAMPHUN	5416	91	TRANG	5302	62	TAK	10698
50	62	TAK	5397	62	TAK	5301	80	CHUMPHON	10693
51	80	CHUMPHON	5346	55	LAMPHUN	5275	55	LAMPHUN	10691
52	50	CHIANG RAI	4744	50	CHIANG RAI	4678	50	CHIANG RAI	9422
53	40	NONG KHAI	4542	40	NONG KHAI	4340	40	NONG KHAI	8882
54	83	PHANG NGA	4438	36	SURIN	4340	36	SURIN	8655
55	90	PHATTHALUNG	4331	46	KALASIN	4231	90	PHATTHALUNG	8546
56	36	SURIN	4315	90	PHATTHALUNG	4215	83	PHANG NGA	8537
57	46	KALASIN	4305	86	PHUKET	4201	46	KALASIN	8536
58	86	PHUKET	4161	83	PHANG NGA	4099	86	PHUKET	8362
59	44	SAKHON NAKHON	3951	95	YALA	3968	44	SAKHON NAKHON	7784
60	95	YALA	3740	44	SAKHON NAKHON	3833	95	YALA	7708
61	53	PHAYAO	3704	53	PHAYAO	3599	53	PHAYAO	7303
62	41	LOEI	3647	41	LOEI	3585	41	LOEI	7232
63	60	UTTARADIT	3421	60	UTTARADIT	3329	60	UTTARADIT	6750
64	31	YASOTHON	3312	31	YASOTHON	3220	31	YASOTHON	6532
65	33	SI SA KET	2845	33	SI SA KET	2775	33	SI SA KET	5620
66	93	SATUN	2778	93	SATUN	2686	93	SATUN	5464
67	96	NARATHIWAT	2449	96	NARATHIWAT	2531	96	NARATHIWAT	4980
68	43	NAKHON PHANOM	2130	68	UTHAI THANI	2110	43	NAKHON PHANOM	4219
69	68	UTHAI THANI	1989	43	NAKHON PHANOM	2089	68	UTHAI THANI	4099
70	81	RANONG	1847	81	RANONG	1869	81	RANONG	3716
71	49	MUKDAHAN	1837	49	MUKDAHAN	1793	49	MUKDAHAN	3630
72	54	NAN	1275	54	NAN	1263	54	NAN	2538
73	51	MAE HONG SON	403	51	MAE HONG SON	390	51	MAE HONG SON	793
TOTAL			2091844			2091844			4183688

Note: The used code is the code of the Land Transport Department (LTD).

Appendix 6.30 DIVISIONAL OD TABLES — 2000

FUTURE O-D TABLE (2000)   VEHICLE TYPE :   PC

	N1	N2	N3	NE1	NE2	NE3	NE4	C1	C2	C3	BMR	S1	S2	S3	TOTAL
N1	1139	927	248	13	2	3	9	96	65	27	1029	2	0	3	3563
N2	949	1465	359	25	1	4	5	40	54	20	529	0	1	2	3454
N3	248	349	3693	127	5	8	48	1040	134	55	1504	0	4	0	7215
NE1	15	25	135	1673	965	373	546	15	50	12	426	3	0	0	4238
NE2	2	1	7	1003	536	149	53	1	34	2	87	2	2	0	1879
NE3	3	4	8	364	146	809	208	7	39	4	299	0	0	0	1891
NE4	9	5	48	496	51	201	1536	108	158	33	1506	0	1	0	4152
C1	93	39	1005	12	1	6	117	4027	426	468	6379	5	0	0	12578
C2	63	61	134	52	40	46	161	433	12580	546	18196	36	28	31	32407
C3	27	24	52	11	2	4	33	468	548	6083	15822	116	30	13	23233
BMR	1008	498	1435	367	71	273	1529	6851	20119	16916	150600	411	210	243	200531
S1	2	0	0	3	2	0	0	3	30	117	462	614	678	143	2054
S2	0	1	4	0	2	0	1	0	26	29	267	716	2143	1229	4418
S3	3	2	0	0	0	0	0	0	30	17	316	157	1238	4612	6375
TOTAL	3561	3401	7128	4146	1824	1876	4246	13089	34293	24329	197422	2062	4335	6276	307988

FUTURE O-D TABLE (2000)   VEHICLE TYPE :   LT

	N1	N2	N3	NE1	NE2	NE3	NE4	C1	C2	C3	BMR	S1	S2	S3	TOTAL
N1	2816	442	127	30	5	5	2	24	10	7	67	0	1	3	3539
N2	426	698	143	23	3	6	13	31	16	3	115	0	0	0	1477
N3	113	139	2029	637	9	20	113	671	27	45	365	1	2	0	4171
NE1	26	21	685	6142	2294	1086	1907	32	59	12	100	2	0	0	12366
NE2	4	3	11	2339	1710	834	82	5	8	0	23	3	0	0	5022
NE3	5	6	23	1090	822	2781	862	2	19	7	152	0	0	0	5769
NE4	2	13	117	1815	76	846	1612	335	289	40	321	2	1	0	5469
C1	19	29	653	25	4	2	305	2282	926	575	2379	0	1	0	7200
C2	8	13	22	46	5	13	251	908	8381	138	8956	6	2	2	18751
C3	7	2	42	9	0	7	35	563	139	7065	9616	176	20	11	17692
BMR	49	89	305	77	17	119	271	2312	9053	9628	41862	100	58	39	63979
S1	0	0	1	2	4	0	2	0	8	184	122	459	598	138	1518
S2	1	0	2	0	0	0	1	2	2	26	78	620	2353	1302	4387
S3	3	0	0	0	0	0	0	0	2	12	51	141	1296	3708	5213
TOTAL	3479	1455	4160	12235	4949	5719	5456	7167	18939	17742	64207	1510	4332	5203	156553

FUTURE O-D TABLE (2000)   VEHICLE TYPE :   LB

	N1	N2	N3	NE1	NE2	NE3	NE4	C1	C2	C3	BMR	S1	S2	S3	TOTAL
N1	1089	169	20	0	0	1	1	1	4	20	0	0	5	0	1310
N2	155	201	10	1	0	1	1	5	0	0	38	0	0	2	414
N3	20	10	545	10	0	2	10	142	3	0	48	0	0	0	790
NE1	0	1	10	646	164	8	64	1	25	0	17	0	0	0	936
NE2	0	0	0	151	200	70	9	1	9	0	0	0	0	0	440
NE3	1	1	2	7	69	218	75	0	12	0	16	0	4	0	405
NE4	0	1	9	57	8	65	386	7	50	0	149	0	0	0	732
C1	1	5	135	1	1	0	7	330	106	100	2103	0	0	0	2789
C2	2	0	2	21	9	10	49	107	5015	7	3758	8	3	0	8991
C3	21	0	0	0	0	0	1	107	7	1896	6059	15	0	3	8109
BMR	0	30	43	14	0	14	156	2612	4310	7486	15332	155	31	56	30239
S1	0	0	0	0	0	0	0	0	8	15	145	104	125	15	412
S2	3	0	0	0	0	4	0	0	0	3	34	134	457	243	878
S3	0	2	0	0	0	0	0	0	0	2	60	16	233	941	1254
TOTAL	1292	420	776	908	451	393	759	3313	9552	9526	27759	432	858	1260	57699

FUTURE O-D TABLE (2000)   VEHICLE TYPE :   MT

	N1	N2	N3	NE1	NE2	NE3	NE4	C1	C2	C3	BMR	S1	S2	S3	TOTAL
N1	633	263	89	5	1	0	9	20	18	4	160	0	0	0	1202
N2	268	823	171	3	0	2	9	23	22	7	67	0	0	0	1395
N3	88	162	1494	132	1	4	53	486	50	21	346	3	0	0	2840
NE1	5	3	140	1755	490	324	527	48	44	8	134	0	0	3	3481
NE2	1	0	1	502	410	217	30	10	31	0	23	1	0	0	1226
NE3	0	2	4	322	209	535	262	11	22	4	164	0	0	0	1535
NE4	8	9	51	492	30	256	1075	185	178	9	784	0	0	0	3077
C1	22	19	455	42	9	9	176	1692	417	323	3159	2	4	0	6329
C2	16	18	44	42	25	20	175	424	4480	247	5743	17	21	16	11288
C3	3	9	22	6	0	3	9	323	233	2098	9241	132	21	18	12118
BMR	138	53	309	114	19	143	754	3179	5628	9484	47000	130	62	65	67078
S1	0	0	3	0	1	0	0	3	20	134	148	311	297	37	954
S2	0	0	0	0	0	0	0	6	25	27	80	310	884	436	1768
S3	0	0	0	3	0	0	0	0	21	19	80	41	436	1281	1881
TOTAL	1182	1361	2783	3418	1195	1513	3079	6410	11189	12385	67129	947	1725	1856	116172

FUTURE O-D TABLE (2000)   VEHICLE TYPE :   HB

	N1	N2	N3	NE1	NE2	NE3	NE4	C1	C2	C3	BMR	S1	S2	S3	TOTAL
N1	422	132	46	15	0	1	8	9	4	3	492	0	0	0	1132
N2	133	188	128	6	0	0	3	4	0	1	377	0	0	0	840
N3	47	130	1137	115	0	0	77	357	4	2	1058	0	0	0	2927
NE1	16	6	121	1201	455	113	337	17	0	0	821	0	0	0	3087
NE2	0	0	0	477	363	93	3	0	0	0	343	0	0	0	1279
NE3	1	0	0	120	106	250	133	1	5	0	506	3	0	0	1125
NE4	8	3	82	326	3	131	545	98	145	0	1255	0	0	3	2599
C1	9	4	348	16	0	1	98	978	150	185	2276	0	0	0	4065
C2	4	0	3	1	0	5	143	146	1144	33	4529	0	0	0	6008
C3	3	1	2	0	0	0	0	185	33	1582	5430	156	4	3	7399
BMR	524	400	1100	824	346	534	1334	2474	5038	6021	40717	289	263	166	60030
S1	0	0	0	0	0	3	0	0	0	156	289	268	212	39	967
S2	0	0	0	0	0	0	0	0	0	4	275	217	448	248	1192
S3	0	0	0	0	0	0	2	0	0	4	178	40	249	964	1437
TOTAL	1167	864	2967	3101	1273	1131	2683	4269	6523	7991	58546	973	1176	1423	94087

FUTURE O-D TABLE (2000)   VEHICLE TYPE :   HT

	N1	N2	N3	NE1	NE2	NE3	NE4	C1	C2	C3	BMR	S1	S2	S3	TOTAL
N1	214	126	49	3	0	0	1	296	38	18	266	0	0	13	1024
N2	126	168	142	4	0	0	2	77	63	20	378	0	4	6	990
N3	49	142	1037	109	7	1	46	703	127	108	981	2	2	9	3323
NE1	3	4	109	1146	630	223	1019	128	172	65	669	5	3	0	4176
NE2	0	0	7	631	279	252	63	42	96	40	387	0	0	0	1797
NE3	0	0	1	222	250	360	258	137	153	32	852	6	0	0	2271
NE4	1	2	46	1009	62	257	1556	439	415	392	1708	2	0	8	5897
C1	294	75	699	126	41	136	433	1867	1332	2237	8153	16	42	12	15463
C2	33	56	115	165	88	148	410	1346	10435	915	27505	79	56	89	41440
C3	18	20	108	63	39	31	391	2254	885	6822	17619	218	41	52	28561
BMR	264	377	970	656	379	846	1691	8176	27044	17653	54425	674	449	870	114474
S1	0	0	2	5	0	6	2	17	84	219	686	339	490	103	1953
S2	0	4	2	3	0	0	0	44	61	42	464	494	975	390	2479
S3	14	7	9	0	0	0	8	12	96	53	882	104	384	1240	2809
TOTAL	1016	981	3296	4142	1775	2260	5880	15538	41001	28616	114975	1939	2446	2792	226657

FUTURE O-D TABLE (2000)   VEHICLE TYPE :   PP

	N1	N2	N3	NE1	NE2	NE3	NE4	C1	C2	C3	BMR	S1	S2	S3	TOTAL
N1	2861	2068	492	0	0	1	9	99	47	34	514	4	1	2	6132
N2	2067	2666	825	0	1	1	12	153	82	43	523	1	3	2	6379
N3	471	806	6720	128	2	11	236	2143	116	195	1479	4	2	6	12319
NE1	0	0	118	594	318	61	135	98	83	21	499	2	2	0	1931
NE2	0	1	2	318	317	91	19	6	22	5	176	4	0	0	961
NE3	1	1	10	61	89	345	120	34	64	11	264	1	2	1	1004
NE4	9	11	225	99	19	117	1385	957	525	165	1868	15	2	8	5439
C1	92	145	2088	99	6	35	978	8612	941	1282	2994	3	1	0	17276
C2	43	69	104	80	21	61	518	900	19261	259	15722	10	3	8	37059
C3	35	41	189	20	5	11	165	1239	261	7739	11757	307	30	12	21811
BMR	436	443	1329	491	172	264	1870	2864	16010	11764	52808	234	143	117	88945
S1	4	1	4	2	4	1	16	3	14	273	263	1057	1435	90	3167
S2	1	3	2	4	0	2	2	1	4	40	170	1453	2681	1370	5733
S3	2	2	6	0	0	1	9	0	9	14	134	88	1337	5613	7215
TOTAL	6022	6257	12114	1930	954	1002	5474	17109	37439	21845	89171	3183	5642	7229	215371

FUTURE O-D TABLE (2000)   VEHICLE TYPE :   TOTAL

	N1	N2	N3	NE1	NE2	NE3	NE4	C1	C2	C3	BMR	S1	S2	S3	TOTAL
N1	9174	4127	1071	66	8	11	39	545	186	113	2528	6	7	21	17902
N2	4124	6209	1778	62	5	14	45	333	237	94	2027	1	8	12	14949
N3	1036	1738	16655	1258	24	46	583	5542	461	426	5781	10	10	15	33585
NE1	65	60	1318	13157	5316	2188	4535	339	433	118	2666	12	5	3	30215
NE2	7	5	28	5421	3815	1706	259	65	200	47	1039	10	2	0	12604
NE3	11	14	48	2186	1691	5298	1918	192	314	58	2253	10	6	1	14000
NE4	37	44	578	4328	249	1873	8095	2129	1760	639	7591	19	4	19	27365
C1	530	316	5383	321	62	189	2114	19788	4298	5170	27443	26	48	12	65700
C2	169	217	424	407	188	303	1707	4264	61296	2145	84409	156	113	146	155944
C3	114	97	415	109	46	56	634	5139	2106	33285	75544	1120	146	112	118923
BMR	2419	1890	5491	2543	1004	2193	7605	28468	87202	78952	402744	1993	1216	1556	625276
S1	6	1	10	12	11	10	20	26	164	1098	2115	3152	3835	565	11025
S2	5	8	10	7	2	6	4	53	121	168	1368	3944	9941	5218	20855
S3	22	13	15	3	0	1	19	12	158	121	1701	587	5173	18359	26184
TOTAL	17719	14739	33224	29880	12421	13894	27577	66895	158936	122434	619209	11046	20514	26039	1174527

Appendix 6.31 DIVISIONAL OD TABLES — 2010

FUTURE O-D TABLE (2010) — VEHICLE TYPE : PC

	N1	N2	N3	NE1	NE2	NE3	NE4	C1	C2	C3	BMR	S1	S2	S3	TOTAL
N1	1251	1068	312	15	2	4	10	115	88	34	1841	2	0	3	4745
N2	1093	1729	494	28	1	5	5	45	77	22	959	0	1	2	4461
N3	315	468	4442	148	5	9	58	1249	205	67	2994	0	4	0	9964
NE1	19	31	163	1928	1196	424	646	19	80	14	896	4	0	0	5420
NE2	2	2	8	1277	680	179	71	1	56	-2	201	3	2	0	2484
NE3	4	4	10	403	171	939	246	9	60	4	583	0	0	0	2433
NE4	10	5	57	597	64	237	1781	133	225	39	2495	0	1	0	5644
C1	115	42	1182	14	1	6	143	4938	630	564	11196	6	0	0	18837
C2	88	92	204	87	63	72	235	642	17309	874	28388	53	46	51	48204
C3	34	29	63	11	2	4	39	565	861	7302	22532	139	35	14	31630
BMR	1865	898	2887	706	141	505	2580	12530	32987	25379	326368	754	2013	487	410100
S1	3	0	0	4	2	0	0	3	48	142	882	735	908	192	2919
S2	0	1	5	0	2	0	1	0	42	35	2190	1008	10857	2499	16610
S3	6	3	0	0	0	0	0	0	48	20	739	226	2518	6208	9768
TOTAL	4805	4372	9827	5218	2330	2384	5815	20249	52716	34498	402264	2930	16385	9456	573249

FUTURE O-D TABLE (2010) — VEHICLE TYPE : LT

	N1	N2	N3	NE1	NE2	NE3	NE4	C1	C2	C3	BMR	S1	S2	S3	TOTAL
N1	3469	552	165	41	6	6	4	31	13	9	142	0	2	3	4443
N2	504	810	173	27	3	8	15	37	20	4	218	0	0	0	1819
N3	139	160	2547	754	12	23	128	839	32	58	699	1	2	0	5394
NE1	36	29	909	7681	2934	1365	2523	44	75	16	213	3	0	0	15828
NE2	6	3	14	3038	2270	1088	110	5	11	0	50	4	0	0	6599
NE3	6	9	29	1366	1052	3568	1104	4	26	10	319	0	0	0	7493
NE4	2	15	142	2296	95	1054	2044	423	339	48	584	2	1	0	7045
C1	21	31	770	28	4	2	340	2881	691	4418	0	2	0	10231	
C2	8	13	25	50	5	15	275	1024	9582	157	14010	8	2	2	25176
C3	8	3	47	10	0	8	39	668	159	8361	14247	209	23	12	23794
BMR	74	140	491	123	27	186	415	4233	14330	14201	101691	179	98	68	136266
S1	0	0	1	3	5	0	2	0	11	226	248	626	844	197	2163
S2	2	0	2	0	0	0	1	2	3	36	167	913	3141	1888	6155
S3	3	0	0	0	0	0	0	0	3	17	109	208	1885	5294	7519
TOTAL	4278	1765	5315	15417	6413	7323	7000	10191	25518	23973	137115	2153	6000	7464	259925

FUTURE O-D TABLE (2010) — VEHICLE TYPE : LB

	N1	N2	N3	NE1	NE2	NE3	NE4	C1	C2	C3	BMR	S1	S2	S3	TOTAL
N1	1400	222	28	0	0	1	1	2	6	24	0	0	6	0	1690
N2	184	245	11	1	0	2	1	6	0	0	83	0	0	3	536
N3	27	12	699	12	0	2	12	164	3	0	113	0	0	0	1044
NE1	0	1	16	849	198	12	88	1	32	0	41	0	0	0	1238
NE2	0	0	0	202	264	94	11	1	11	0	0	0	0	0	583
NE3	1	1	2	11	88	283	94	0	16	0	37	0	4	0	537
NE4	0	1	11	73	9	77	459	8	58	0	298	0	0	0	994
C1	1	6	154	1	1	0	8	386	128	130	3270	0	0	0	4085
C2	3	0	2	23	11	11	60	130	5610	8	6690	9	4	0	12561
C3	25	0	0	0	0	0	1	146	8	2389	9394	18	0	4	11985
BMR	0	53	96	29	0	28	304	4411	8161	12609	40214	315	60	132	66412
S1	0	0	0	0	0	0	0	9	18	278	124	150	17		596
S2	4	0	0	0	0	4	0	0	4	0	76	179	640	362	1269
S3	0	2	0	0	0	0	0	0	0	2	152	19	344	1380	1899
TOTAL	1645	543	1019	1201	571	514	1039	5255	14046	15180	60646	664	1208	1898	105429

FUTURE O-D TABLE (2010) — VEHICLE TYPE : MT

	N1	N2	N3	NE1	NE2	NE3	NE4	C1	C2	C3	BMR	S1	S2	S3	TOTAL
N1	753	304	127	6	1	0	11	24	20	5	295	0	0	0	1546
N2	323	1024	228	3	0	2	11	28	25	7	126	0	0	0	1777
N3	120	200	1897	162	1	4	64	600	55	23	687	4	0	0	3817
NE1	6	3	189	2174	626	405	703	63	49	9	273	0	0	5	4505
NE2	1	0	1	657	573	278	38	15	39	0	48	2	0	0	1652
NE3	0	2	5	396	261	661	330	14	27	4	324	0	0	0	2024
NE4	11	12	62	620	37	314	1349	226	206	10	1262	0	0	0	4109
C1	26	22	537	48	9	10	210	2095	487	381	5658	2	5	0	9490
C2	17	19	47	45	26	21	206	502	5173	274	9092	21	23	21	15487
C3	3	11	25	6	0	3	10	384	263	2521	13187	156	24	20	16613
BMR	232	89	568	190	32	248	1157	5746	9002	13778	108299	247	532	119	140239
S1	0	0	5	0	2	0	0	4	24	159	298	414	417	52	1375
S2	0	0	0	0	0	0	1	8	28	33	579	450	3304	849	5251
S3	0	0	0	5	0	0	0	0	24	23	166	60	847	1841	2966
TOTAL	1492	1686	3691	4312	1568	1946	4089	9709	15422	17227	140294	1356	5152	2907	210851

FUTURE O-D TABLE (2010) — VEHICLE TYPE : HB

	N1	N2	N3	NE1	NE2	NE3	NE4	C1	C2	C3	BMR	S1	S2	S3	TOTAL
N1	449	159	54	15	0	1	10	11	5	4	795	0	0	0	1503
N2	158	222	152	6	0	0	3	5	0	1	595	0	0	0	1142
N3	53	153	1270	125	0	0	91	404	6	2	1892	0	0	0	3996
NE1	17	6	133	1333	529	133	393	20	2	0	1475	0	0	0	4041
NE2	0	0	0	572	421	106	3	0	0	0	631	0	0	0	1733
NE3	1	0	0	143	126	282	154	1	6	0	845	3	0	0	1561
NE4	10	3	96	375	3	148	593	116	171	0	2008	0	0	4	3527
C1	11	5	393	18	0	1	116	1183	181	221	3979	0	0	0	6108
C2	5	0	12	2	0	6	170	177	1427	47	6606	0	0	0	8452
C3	4	1	2	0	0	0	0	222	47	1898	7799	187	5	3	10168
BMR	888	660	2050	1509	653	930	2233	4548	7747	9087	99758	577	568	325	131533
S1	0	0	0	0	0	0	0	0	0	187	565	347	288	54	1414
S2	0	0	0	0	0	0	0	0	0	5	591	299	909	374	2178
S3	0	0	0	0	0	0	2	0	0	4	361	57	378	1420	2222
TOTAL	1596	1209	4162	4098	1732	1610	3768	6687	9592	11456	127900	1470	2148	2180	179608

FUTURE O-D TABLE (2010) — VEHICLE TYPE : HT

	N1	N2	N3	NE1	NE2	NE3	NE4	C1	C2	C3	BMR	S1	S2	S3	TOTAL
N1	239	139	55	3	0	0	1	340	42	20	445	0	0	15	1299
N2	144	190	162	4	0	0	2	86	75	25	605	0	5	7	1305
N3	55	162	1208	125	8	1	52	827	147	132	1695	2	2	10	4426
NE1	3	4	128	1370	762	258	1165	153	197	86	1269	6	3	0	5404
NE2	0	0	8	760	349	294	70	51	110	55	740	0	0	0	2437
NE3	0	0	1	255	292	370	308	150	173	41	1477	7	0	0	3074
NE4	1	2	52	1165	69	307	1739	471	491	488	2903	2	0	9	7699
C1	334	81	823	148	49	147	520	2139	1577	3001	15096	20	56	15	24006
C2	36	66	129	183	102	173	480	1598	12233	1097	42597	95	66	109	58964
C3	20	25	133	83	55	40	487	3050	1070	8291	25385	260	47	59	39005
BMR	446	605	1687	1230	721	1469	2877	15298	41790	25522	141849	1221	2189	1682	238586
S1	0	0	2	6	0	7	2	20	103	261	1227	418	674	136	2856
S2	0	5	2	3	0	0	0	58	73	48	2221	684	7924	1211	12229
S3	15	7	10	0	0	0	61	9	15	119	1695	137	1204	1670	4942
TOTAL	1293	1286	4400	5335	2407	3066	7712	24256	58200	39128	239204	2852	12170	4923	406232

FUTURE O-D TABLE (2010) — VEHICLE TYPE : PP

	N1	N2	N3	NE1	NE2	NE3	NE4	C1	C2	C3	BMR	S1	S2	S3	TOTAL
N1	3368	2492	618	0	0	2	12	123	55	40	987	5	2	2	7706
N2	2494	3271	992	0	2	2	14	202	94	49	1005	1	4	2	8132
N3	572	947	8064	155	3	12	288	2677	136	233	2733	6	2	8	15836
NE1	0	0	137	645	370	72	160	124	92	24	857	3	2	0	2486
NE2	0	1	2	373	398	112	19	8	25	6	327	6	0	0	1277
NE3	1	1	10	70	108	413	140	46	73	11	475	2	2	1	1353
NE4	11	14	269	158	19	139	1101	623	198		2927	18	2	9	7029
C1	107	182	2563	127	10	47	1134	11456	1181	1609	5991	4	1	0	24412
C2	50	75	123	94	24	70	618	1122	22392	302	25521	14	4	10	50419
C3	41	46	219	23	6	11	197	1535	300	9060	18013	327	40	15	29833
BMR	761	772	2332	841	319	476	2897	5661	26228	18160	124656	464	263	229	184059
S1	5	1	6	3	6	2	19	5	16	368	553	1477	2104	132	4697
S2	2	4	2	4	0	3	3	2	4	51	347	2159	3763	1994	8338
S3	2	2	8	0	2	2	11	0	12	18	291	133	1945	8549	10973
TOTAL	7414	7808	15345	2493	1265	1363	7053	24062	51231	30129	184683	4619	8134	10951	356550

FUTURE O-D TABLE (2010) — VEHICLE TYPE : TOTAL

	N1	N2	N3	NE1	NE2	NE3	NE4	C1	C2	C3	BMR	S1	S2	S3	TOTAL
N1	10929	4936	1359	80	9	14	49	646	229	136	4505	7	10	23	22932
N2	4900	7491	2212	69	6	19	51	409	291	108	3591	1	10	14	19172
N3	1281	2102	20127	1481	29	51	693	6760	584	515	10813	13	10	18	44477
NE1	81	74	1675	15980	6615	2669	5678	424	527	149	5024	16	5	5	38922
NE2	9	6	33	6879	4955	2151	322	81	252	63	1997	15	2	0	16765
NE3	13	17	57	2644	2098	6516	2376	224	381	70	4060	12	6	1	18475
NE4	45	52	689	5284	296	2276	9506	2478	2113	783	12477	22	4	22	36047
C1	615	369	6422	384	74	213	2471	25078	5227	6597	49608	32	64	15	97169
C2	207	265	542	484	231	368	2034	5195	73726	2759	132904	200	145	193	219263
C3	135	115	489	133	63	66	773	6570	2708	39822	110557	1296	174	127	163028
BMR	4266	3217	10111	4628	1893	3842	12463	52427	140116	118875	942835	3757	5723	3042	1307195
S1	8	1	14	16	15	12	23	32	211	1361	4051	4141	5385	780	16050
S2	8	10	11	7	2	7	5	70	154	208	6171	5692	30538	9177	52060
S3	26	14	18	5	0	2	22	15	206	145	3513	840	9121	26362	40289
TOTAL	22523	18669	43759	38074	16286	18206	36476	100409	226725	171591	1292106	16044	51197	39779	2091844

Appendix 6.32   PRESENT AND FUTURE INTER-DIVISION DESIRE LINE CHARTS

INTER-DIVISION DESIRE LINE CHART - 1990

INTER-DIVISION DESIRE LINE CHART - 2000

INTER-DIVISION DESIRE LINE CHART - 2010

Appendix 6.33 REGIONAL OD TABLES — 2000

VEHICLE CATEGORY: PC

	N	NE	C	S	TOTAL
N	9377	250	4593	12	14232
NE	262	9109	2731	8	12160
C	4439	2725	260462	1123	268749
S	12	8	1297	11530	12847
TOTAL	14090	12092	269133	12673	307988

VEHICLE CATEGORY: PT+LT

	N	NE	C	S	TOTAL
N	6933	866	1381	7	9187
NE	916	26298	1404	8	28626
C	1238	1186	104783	415	107622
S	7	9	487	10615	11118
TOTAL	9094	28359	108055	11045	156553

VEHICLE CATEGORY: LB

	N	NE	C	S	TOTAL
N	2219	27	261	7	2514
NE	25	2197	287	4	2513
C	239	283	49335	271	50128
S	5	4	267	2268	2544
TOTAL	2488	2511	50150	2550	57699

VEHICLE CATEGORY: MT

	N	NE	C	S	TOTAL
N	3991	219	1224	3	5437
NE	224	7436	1655	4	9319
C	1108	1546	93671	488	96813
S	3	4	563	4033	4603
TOTAL	5326	9205	97113	4528	116172

VEHICLE CATEGORY: MB+HB

	N	NE	C	S	TOTAL
N	2363	225	2311	0	4899
NE	237	4656	3191	6	8090
C	2398	3302	70921	881	77502
S	0	5	906	2685	3596
TOTAL	4998	8188	77329	3572	94087

VEHICLE CATEGORY: HT

	N	NE	C	S	TOTAL
N	2053	173	3075	36	5337
NE	173	8217	5727	24	14141
C	3029	5643	188668	2598	199938
S	38	24	2660	4519	7241
TOTAL	5293	14057	200130	7177	226657

VEHICLE CATEGORY: PP

	N	NE	C	S	TOTAL
N	18976	401	5428	25	24830
NE	378	4122	4798	37	9335
C	5014	4796	154413	868	165091
S	25	41	925	15124	16115
TOTAL	24393	9360	165564	16054	215371

VEHICLE CATEGORY: TOTAL

	N	NE	C	S	TOTAL
N	45912	2161	18273	90	66436
NE	2215	62035	19843	91	84184
C	17465	19481	922253	6644	965843
S	90	95	7105	50774	58064
TOTAL	65682	83772	967474	57599	1174527

Appendix 6.34 REGIONAL OD TABLES — 2010

VEHICLE CATEGORY: PC

	N	NE	C	S	TOTAL
N	11172	290	7696	12	19170
NE	315	10839	4817	10	15981
C	7499	4609	493065	3598	508771
S	18	9	4149	25151	29327
TOTAL	19004	15747	509727	28771	573249

VEHICLE CATEGORY: PT+LT

	N	NE	C	S	TOTAL
N	8519	1027	2102	8	11656
NE	1200	33588	2167	10	36965
C	1631	1527	191706	603	195467
S	8	11	822	14996	15837
TOTAL	11358	36153	196797	15617	259925

VEHICLE CATEGORY: LB

	N	NE	C	S	TOTAL
N	2828	32	401	9	3270
NE	33	2812	503	4	3352
C	340	477	93684	542	95043
S	6	4	539	3215	3764
TOTAL	3207	3325	95127	3770	105429

VEHICLE CATEGORY: MT

	N	NE	C	S	TOTAL
N	4976	265	1895	4	7140
NE	292	9422	2569	7	12290
C	1596	2221	176842	1170	181829
S	5	7	1346	8234	9592
TOTAL	6869	11915	182652	9415	210851

VEHICLE CATEGORY: MB+HB

	N	NE	C	S	TOTAL
N	2670	251	3720	0	6641
NE	266	5314	5275	7	10862
C	4031	5638	144927	1665	156261
S	0	5	1713	4126	5844
TOTAL	6967	11208	155635	5798	179608

VEHICLE CATEGORY: HT

	N	NE	C	S	TOTAL
N	2354	196	4439	41	7030
NE	199	9533	8855	27	18614
C	4385	8764	341593	5819	360561
S	41	27	5901	14058	20027
TOTAL	6979	18520	360788	19945	406232

VEHICLE CATEGORY: PP

	N	NE	C	S	TOTAL
N	22818	490	8334	32	31674
NE	446	4737	6917	45	12145
C	7271	6894	273187	1371	288723
S	32	53	1667	22256	24008
TOTAL	30567	12174	290105	23704	356550

VEHICLE CATEGORY: TOTAL

	N	NE	C	S	TOTAL
N	55337	2551	28587	106	86581
NE	2751	76245	31103	110	110209
C	26753	30130	1715004	14768	1786655
S	110	116	16137	92036	108399
TOTAL	84951	109042	1790831	107020	2091844

Appendix 6.35 PRESENT AND FUTURE INTER-REGION DESIRE LINE CHARTS
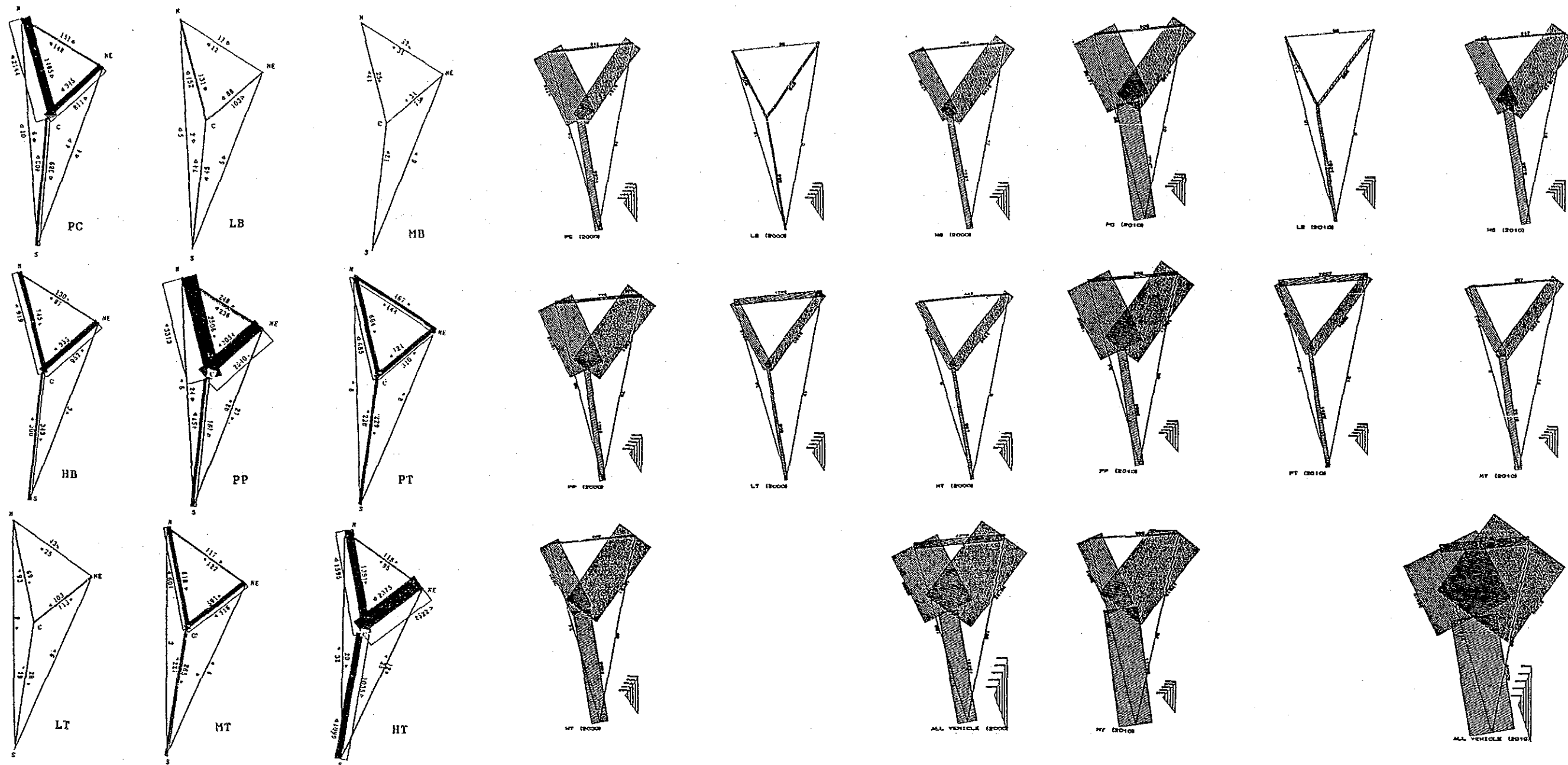
INTER-REGION DESIRE LINE CHART - 1990   INTER-REGION DESIRE LINE CHART - 2000   INTER-REGION DESIRE LINE CHART - 2010

Appendix 6.36 GENERATED AND ATTRACTED REGIONAL TRIPS — 2000

GENERATION: (Trip/day)

Region	PC	LB	HB	PP	LT	MT	HT	TOTAL
Northern	14232	2514	4899	24830	9187	5437	5337	66436
Northeastern	12160	2513	8090	9335	28626	9319	14141	84184
Central	268749	50128	77502	165091	107622	96813	199938	965843
Southern	12847	2544	3596	16115	11118	4603	7241	58064
TOTAL	307988	57699	94087	215371	156553	116172	226657	1174527

ATTRACTION: (Trip/day)

Region	PC	LB	HB	PP	LT	MT	HT	TOTAL
Northern	14090	2488	4998	24393	9094	5326	5293	65682
Northeastern	12092	2511	8188	9360	28359	9205	14057	83772
Central	269133	50150	77329	165664	108055	97113	200130	967474
Southern	12673	2550	3572	16054	11045	4528	7177	57599
TOTAL	307988	57699	94087	215371	156553	116172	226657	1174527

GENERATION + ATTRACTION: (Trip-end/day)

Region	PC	LB	HB	PP	LT	MT	HT	TOTAL
Northern	28322	5002	9897	49223	18281	10763	10630	132118
Northeastern	24252	5024	16278	18695	56985	18524	28198	167956
Central	537882	100278	154831	330655	215677	193926	400068	1933317
Southern	25520	5094	7168	32169	22163	9131	14418	115663
TOTAL	615976	115398	188174	430742	313106	232344	453314	2349054

Appendix 6.37 GENERATED AND ATTRACTED REGIONAL TRIPS — 2010

GENERATION: (Trip/day)

Region	PC	LB	HB	PP	LT	MT	HT	TOTAL
Northern	19170	3270	6641	31674	11656	7140	7030	86581
Northeastern	15981	3352	10862	12145	36965	12290	18614	110209
Central	508771	95043	156261	288723	195467	181829	360561	1786655
Southern	29327	3764	5844	24008	15837	9592	20027	108399
TOTAL	573249	105429	179608	356550	259925	210851	406232	2091844

ATTRACTION: (Trip/day)

Region	PC	LB	HB	PP	LT	MT	HT	TOTAL
Northern	19004	3207	6967	30567	11358	6869	6979	84951
Northeastern	15747	3325	11208	12174	36153	11915	18520	109042
Central	509727	95127	155635	290105	196797	182652	360788	1790831
Southern	28771	3770	5798	23704	15617	9415	19945	107020
TOTAL	573249	105429	179608	356550	259925	210851	395592	2091844

GENERATION + ATTRACTION: (Trip-end/day)

Region	PC	LB	HB	PP	LT	MT	HT	TOTAL
Northern	38174	6477	13608	62241	23014	14009	14009	171532
Northeastern	31728	6677	22070	24319	73118	24205	37134	219251
Central	1018498	190170	311896	578828	392264	364481	721349	3577486
Southern	58098	7534	11642	47712	31454	19007	29972	215419
TOTAL	1146498	210858	359216	713100	519850	421702	812464	4183688

Appendix 6.38 GROWTH RATES OF GENERATED AND ATTRACTED INTER-CHANGWAT TRIP-ENDS (1990=1.0)

Code Changwat	2009								2010							
	PC	LB	HB	PP	LT	MT	HT	TOTAL	PC	LB	HB	PP	LT	MT	HT	TOTAL
1 BANGKOK METROPOLITAN	3.32	3.47	3.47	3.40	3.52	3.53	3.54	3.43	6.69	7.14	7.11	6.91	7.30	7.29	7.34	7.01
10 CHAI NAT	1.71	1.74	1.99	1.79	1.62	1.70	1.90	1.77	2.42	2.55	3.07	2.69	2.31	2.43	2.88	2.61
11 SING BURI	1.70	2.25	1.77	1.58	1.53	1.69	1.70	1.65	2.20	2.94	2.42	1.93	1.81	2.24	2.13	2.09
12 LOP BURI	1.67	1.88	1.79	1.56	1.54	1.66	1.66	1.64	2.45	2.76	2.77	2.11	2.10	2.44	2.36	2.33
13 ANG THONG	1.63	1.54	1.91	1.66	1.62	1.81	1.70	1.69	2.40	2.02	2.62	2.16	2.12	2.48	2.23	2.31
14 SARABURI	3.05	3.10	3.04	2.57	2.53	2.38	2.82	2.80	5.10	5.02	5.19	3.99	3.84	4.70	4.57	4.50
15 PHRA NAKHON SI AYUTTHAYA	1.64	2.09	1.90	1.84	1.65	1.70	1.78	1.78	2.34	3.59	2.95	2.96	2.44	2.52	2.75	2.75
16 PATHUM THANI	2.65	3.45	3.38	2.48	2.67	2.71	2.60	2.64	5.77	7.95	8.41	5.15	5.90	5.91	5.52	5.70
17 NONTHABURI	2.52	3.16	3.73	2.43	2.53	2.42	2.49	2.55	4.96	8.51	10.68	5.26	5.77	5.10	5.28	5.53
18 SAMUT PRAKAN	3.31	4.31	3.97	3.19	3.39	3.34	3.26	3.39	6.97	10.11	9.30	6.69	7.38	7.08	6.82	7.27
50 CHIANG RAI	1.41	1.38	1.63	1.45	1.31	1.37	1.57	1.44	1.81	1.85	2.21	1.86	1.60	1.69	2.08	1.85
51 MAE HONG SON	1.33	1.24	1.81	1.26	1.27	1.27	1.39	1.32	1.59	1.76	2.48	1.56	1.51	1.54	1.70	1.64
52 CHIANG MAI	1.53	1.44	1.59	1.35	1.35	1.45	1.56	1.43	2.09	1.88	2.16	1.74	1.72	1.90	2.09	1.88
53 PHAYAO	1.61	1.61	1.98	1.70	1.59	1.62	1.86	1.68	2.10	2.19	2.69	2.15	1.95	1.99	2.45	2.14
54 NAN	1.44	1.56	1.64	1.46	1.39	1.44	1.59	1.47	1.75	1.89	2.27	1.84	1.70	1.79	1.99	1.85
55 LAMPHUN	1.43	1.44	1.45	1.37	1.38	1.45	1.54	1.41	1.79	1.82	1.81	1.61	1.68	1.77	1.85	1.71
56 LAMPANG	2.04	1.85	2.36	1.86	1.83	2.00	2.06	1.93	2.77	2.30	3.32	2.30	2.24	2.53	2.60	2.45
57 PHRAE	2.03	2.06	2.18	2.12	2.03	2.11	2.35	2.09	2.55	2.56	3.03	2.65	2.47	2.62	2.95	2.62
60 UTTARADIT	1.74	1.46	1.77	1.43	1.49	1.64	1.68	1.60	2.35	1.82	2.51	1.78	1.86	2.18	2.29	2.11
61 SUKHOTHAI	1.78	1.89	1.85	1.86	1.79	1.81	1.92	1.84	2.18	2.38	2.33	2.31	2.19	2.23	2.42	2.28
62 TAK	2.10	1.56	2.20	1.54	1.62	2.04	1.95	1.80	3.21	2.10	3.45	2.12	2.24	3.06	2.88	2.61
63 PHITSANULOK	2.04	1.91	1.99	1.67	1.78	1.92	1.86	1.84	3.04	2.71	2.89	2.11	2.32	2.68	2.48	2.51
64 KAMPHAENG PHET	1.46	1.35	1.58	1.37	1.36	1.41	1.60	1.42	2.05	1.75	2.29	1.85	1.81	1.90	2.24	1.93
65 PHICHIT	1.63	1.66	1.55	1.44	1.47	1.51	1.52	1.50	2.02	1.95	1.91	1.72	1.67	1.79	1.90	1.80
66 PHETCHABUN	1.75	1.91	1.89	1.81	1.75	1.81	1.87	1.80	2.26	2.58	2.58	2.39	2.25	2.37	2.50	2.36
67 NAKHON SAWAN	1.67	1.51	1.78	1.36	1.41	1.53	1.54	1.50	2.34	1.96	2.56	1.74	1.82	2.07	2.06	2.00
68 UTHAI THANI	1.28	1.15	1.29	1.27	1.24	1.28	1.47	1.29	1.62	1.38	1.68	1.59	1.51	1.60	1.92	1.63
20 NAKHON NAYOK	2.26	2.36	2.26	2.14	2.04	2.21	2.18	2.17	3.27	3.52	3.22	2.89	2.66	3.00	3.05	3.01
21 PRACHIN BURI	2.82	3.41	3.02	3.02	2.80	2.87	3.18	2.97	4.05	5.46	4.24	4.30	3.76	3.83	4.52	4.18
22 CHACHOENGSAO	2.42	2.07	2.28	1.60	1.64	1.95	1.85	1.87	3.76	2.96	3.56	2.27	2.32	2.88	2.75	2.75
23 CHON BURI	2.95	2.39	2.35	1.97	1.91	2.35	2.34	2.31	4.35	3.48	3.27	2.69	2.58	3.24	3.31	3.26
24 RAYONG	3.41	1.97	2.82	1.88	1.87	3.70	3.29	2.55	5.78	2.75	4.29	2.55	2.53	4.99	4.58	3.71
25 CHANTHABURI	1.75	1.59	1.93	1.62	1.56	1.64	1.70	1.66	2.44	2.12	2.67	2.01	1.93	2.09	2.20	2.14
26 TRAT	1.99	2.08	2.35	2.00	1.91	2.01	2.20	2.02	2.86	2.95	3.33	2.63	2.44	2.65	2.98	2.73
30 CHAIYAPHUM	1.64	1.72	1.75	1.55	1.52	1.63	1.60	1.59	2.19	2.33	2.47	2.13	1.99	2.21	2.17	2.14
31 YASOTHON	1.73	1.78	1.80	1.83	1.74	1.78	1.93	1.78	2.16	2.33	2.36	2.40	2.20	2.28	2.57	2.28
32 UBON RATCHATHANI	1.71	1.76	2.04	1.90	1.73	1.81	1.91	1.81	2.25	2.33	2.92	2.59	2.27	2.41	2.62	2.42

Code Changwat	2000								2010							
	PC	LB	HB	PP	LT	MT	HT	TOTAL	PC	LB	HB	PP	LT	MT	HT	TOTAL
33 SI SA KET	1.50	1.63	1.71	1.76	1.59	1.62	1.74	1.62	1.90	2.14	2.33	2.38	2.05	2.13	2.39	2.13
34 BURIRAM	2.30	1.94	2.33	1.87	1.99	2.22	2.18	2.11	3.27	2.58	3.35	2.41	2.64	3.10	2.97	2.87
35 NAKHON RATCHASIMA	1.92	1.94	1.95	1.70	1.69	1.82	1.73	1.78	2.59	2.68	2.64	2.17	2.11	2.38	2.21	2.31
36 SURIN	2.18	2.26	2.27	2.10	2.10	2.21	2.28	2.17	2.96	3.12	3.23	2.73	2.70	2.91	3.08	2.88
40 NONG KHAI	1.52	1.39	1.66	1.36	1.42	1.56	1.57	1.48	2.09	1.71	2.39	1.79	1.91	2.16	2.19	2.02
41 LOEI	1.89	1.98	2.17	1.99	1.92	1.97	2.11	1.97	2.38	2.58	2.96	2.61	2.43	2.52	2.75	2.53
42 UDON THANI	1.44	1.81	1.64	1.60	1.49	1.51	1.55	1.52	1.74	2.42	2.13	2.07	1.86	1.85	1.95	1.91
43 NAKHON PHANOM	1.70	1.88	1.88	1.95	1.78	1.82	2.00	1.82	2.12	2.50	2.55	2.67	2.31	2.35	2.71	2.38
44 SAKHON NAKHON	1.36	1.79	1.84	1.83	1.67	1.72	1.87	1.73	2.05	2.28	2.47	2.40	2.14	2.26	2.50	2.24
45 KHON KAEN	2.24	2.34	2.33	2.23	2.21	2.31	2.38	2.27	2.95	3.16	3.12	2.94	2.88	3.06	3.15	2.98
46 KALASIN	1.48	1.67	1.54	1.50	1.41	1.47	1.56	1.47	1.88	2.25	2.05	1.97	1.83	1.93	2.08	1.92
47 MAHA SARAKHAM	1.67	1.78	1.75	1.69	1.65	1.72	1.80	1.69	2.04	2.15	2.16	1.97	1.98	2.11	2.19	2.05
48 ROI ET	1.61	1.71	1.90	1.82	1.62	1.67	1.81	1.68	2.05	2.26	2.70	2.48	2.08	2.16	2.41	2.21
49 MUKDAHAN	1.60	1.63	1.68	1.74	1.59	1.61	1.83	1.65	2.00	2.14	2.29	2.35	2.05	2.12	2.50	2.18
70 SUPHAN BURI	1.66	1.59	1.69	1.59	1.48	1.61	1.59	1.60	2.11	1.96	2.20	2.08	1.86	2.02	2.05	2.04
71 KANCHANA BURI	1.54	1.55	1.62	1.36	1.36	1.47	1.47	1.44	2.09	2.03	2.23	1.89	1.88	1.96	1.95	1.96
72 NAKHON PATHOM	2.10	2.97	3.11	2.18	2.20	2.14	2.14	2.19	3.91	7.39	8.27	4.66	4.73	4.16	4.30	4.49
73 RATCHABURI	1.86	2.22	2.05	1.66	1.70	1.86	1.80	1.78	2.56	3.09	2.85	2.16	2.23	2.48	2.34	2.35
74 SAMUT SAKHON	3.39	4.59	5.55	2.97	3.27	3.41	3.23	3.33	7.70	12.62	16.77	6.40	7.60	7.86	7.15	7.62
75 SAMUT SONGKHRAM	2.70	2.75	2.73	2.45	2.43	2.59	2.62	2.56	3.99	4.58	4.09	3.52	3.48	3.75	3.89	3.75
76 PHETCHABURI	1.59	2.00	1.78	1.41	1.37	1.56	1.63	1.53	2.23	2.82	2.49	1.89	1.84	2.16	2.26	2.10
77 PRACHUAP KHIRI KHAN	1.67	1.97	1.80	1.35	1.37	1.56	1.64	1.54	2.31	2.73	2.52	1.74	1.79	2.10	2.25	2.08
80 CHUMPHON	1.44	1.75	1.59	1.36	1.36	1.39	1.49	1.44	1.96	2.66	2.40	2.03	1.90	1.98	2.22	2.09
81 RANONG	1.47	1.35	1.42	1.34	1.27	1.36	1.47	1.39	1.82	1.63	1.70	1.58	1.50	1.62	1.78	1.66
82 SURAT THANI	1.81	2.02	1.94	1.85	1.76	1.85	1.93	1.85	2.70	3.11	3.07	2.83	2.63	2.79	2.98	2.82
83 PHANG NGA	1.48	1.50	1.60	1.55	1.49	1.55	1.63	1.53	2.00	2.08	2.36	2.21	2.01	2.17	2.36	2.14
84 NAKHON SI THAMMARAT	1.79	1.95	2.00	1.91	1.83	1.89	1.99	1.88	7.97	2.95	4.06	2.89	2.68	6.08	11.36	5.29
85 KRABI	1.26	1.26	1.36	1.20	1.12	1.19	1.23	1.21	19.71	1.91	4.89	1.77	1.62	10.89	24.16	8.54
86 PHUKET	1.58	1.61	1.71	1.71	1.56	1.64	1.74	1.64	1.95	2.04	2.18	2.14	1.96	2.00	2.19	2.05
90 PHATTHALUNG	1.47	1.46	1.59	1.55	1.48	1.56	1.65	1.52	2.05	2.02	2.33	2.21	2.07	2.23	2.42	2.16
91 TRANG	1.54	1.75	1.73	1.81	1.64	1.65	1.82	1.69	1.95	2.48	2.48	2.65	2.22	2.27	2.59	2.34
92 SONGKHLA	2.01	2.42	2.30	2.25	2.08	2.13	2.23	2.14	3.44	3.85	3.71	3.45	3.05	3.70	4.55	3.54
93 SATUN	1.70	1.89	1.97	2.03	1.80	1.91	2.19	1.91	2.33	2.79	3.09	3.28	2.65	2.80	3.46	2.90
94 PATTANI	2.08	2.33	2.16	2.41	2.26	2.31	2.57	2.28	2.86	3.46	3.25	3.70	3.27	3.39	4.00	3.36
95 YALA	1.45	1.77	1.85	1.88	1.64	1.62	1.81	1.71	1.80	2.50	2.67	2.79	2.22	2.21	2.65	2.40
96 NARATHIWAT	1.36	1.72	1.93	1.96	1.51	1.56	1.73	1.60	1.75	2.50	2.98	3.10	2.12	2.23	2.60	2.31
TOTAL	2.62	2.55	2.77	2.14	2.12	2.48	2.45	2.41	4.87	4.66	5.28	3.54	3.52	4.50	4.39	4.28

Note: The used code is the code of the Land Transport Department (LTD).

Appendix 6.39 GROWTH RATES OF DIVISIONAL TRIP–ENDS   (1990=1.0)

YEAR	DIVISION	VEHICLE CATEGORY							
		PC	LB	HB	PP	LT	MT	HT	TOTAL
	N1	1.62	1.48	1.68	1.53	1.43	1.61	1.70	1.54
	N2	1.71	1.62	1.79	1.67	1.62	1.68	1.78	1.69
	N3	1.83	1.73	1.84	1.60	1.62	1.75	1.77	1.70
	NE1	1.85	2.06	2.00	1.93	1.87	1.93	2.02	1.91
	NE2	1.56	1.64	1.69	1.61	1.53	1.60	1.70	1.59
	NE3	1.64	1.72	1.91	1.83	1.66	1.72	1.85	1.73
	NE4	1.97	1.99	1.98	1.74	1.74	1.89	1.81	1.83
2000	C1	2.10	2.33	1.98	1.78	1.90	2.05	2.38	2.03
	C2	2.70	2.15	2.43	1.94	1.91	2.36	2.29	2.21
	C3	1.72	1.93	1.92	1.64	1.60	1.73	1.75	1.72
	BMR	3.16	3.54	3.62	3.07	3.17	3.18	3.09	3.19
	S1	1.63	1.83	1.70	1.59	1.54	1.58	1.66	1.62
	S2	1.59	1.68	1.75	1.68	1.62	1.67	1.76	1.66
	S3	1.82	2.12	2.04	2.07	1.89	1.96	2.11	1.97
	TOTAL	2.62	2.55	2.77	2.14	2.12	2.48	2.45	2.41
	N1	2.18	1.89	2.26	1.90	1.78	2.05	2.17	1.97
	N2	2.20	2.10	2.47	2.11	1.97	2.12	2.33	2.15
	N3	2.52	2.27	2.55	2.04	2.08	2.34	2.36	2.24
	NE1	2.35	2.72	2.63	2.48	2.37	2.47	2.61	2.45
	NE2	2.03	2.13	2.29	2.13	2.00	2.13	2.30	2.10
	NE3	2.10	2.27	2.68	2.48	2.15	2.24	2.51	2.27
	NE4	2.69	2.71	2.74	2.24	2.24	2.52	2.37	2.42
2010	C1	3.19	3.56	3.04	2.50	2.70	3.08	3.71	3.03
	C2	4.08	3.08	3.50	2.65	2.57	3.24	3.25	3.13
	C3	2.40	2.97	2.69	2.25	2.16	2.39	2.40	2.38
	BMR	6.44	7.76	7.92	6.35	6.75	6.65	6.44	6.66
	S1	2.32	2.73	2.55	2.33	2.19	2.27	2.44	2.36
	S2	6.01	2.40	3.20	2.43	2.26	4.96	8.70	4.14
	S3	2.77	3.20	3.14	3.15	2.72	3.08	3.72	3.02
	TOTAL	4.87	4.66	5.28	3.54	3.52	4.50	4.39	4.28

Appendix 6.40 GROWTH RATES OF INTER–REGION AND INTRA–REGION TRIP–ENDS   (1990=1.0)

YEAR	INTER-, INTRA-REGION		VEHICLE CATEGORY							
			PC	LB	HB	PP	LT	MT	HT	TOTAL
		N - NE	1.71	2.26	1.54	1.61	1.82	1.85	1.62	1.72
		N - C	2.49	1.77	2.72	1.79	1.73	1.91	2.04	2.08
	INTER-	N - S	1.50	1.71	–	1.67	1.75	2.00	1.42	1.55
	REGION	NE - C	3.14	2.98	3.23	2.09	2.08	2.45	2.32	2.46
		NE - S	2.00	1.60	1.22	1.42	1.21	2.00	1.30	1.41
		C - S	3.06	4.52	2.73	1.89	1.79	2.14	2.46	2.44
2000										
		N - N	1.52	1.55	1.35	1.55	1.48	1.64	1.47	1.53
	INTRA-	NE - NE	1.60	1.81	1.52	1.52	1.72	1.74	1.64	1.66
	REGION	C - C	2.82	2.73	3.10	2.35	2.42	2.71	2.59	2.64
		S - S	1.63	1.78	1.66	1.81	1.72	1.72	1.62	1.72
		N - NE	2.02	2.83	1.72	1.93	2.27	2.33	1.85	2.09
		N - C	4.19	2.62	4.48	2.68	2.47	2.86	2.96	3.22
	INTER-	N - S	1.88	2.14	–	2.13	2.00	3.00	1.58	1.86
	REGION	NE - C	5.37	5.13	5.42	3.01	2.96	3.66	3.60	3.83
		NE - S	2.38	1.60	1.33	1.78	1.50	3.50	1.46	1.71
		C - S	9.78	9.08	5.16	3.20	2.83	5.11	5.49	5.48
2010										
		N - N	1.81	1.97	1.53	1.87	1.82	2.04	1.69	1.84
	INTRA-	NE - NE	1.90	2.31	1.73	1.74	2.19	2.20	1.90	2.04
	REGION	C - C	5.34	5.18	6.33	4.17	4.42	5.12	4.68	4.90
		S - S	3.56	2.52	2.55	2.67	2.43	2.43	5.05	3.11

Appendix 6.41 GROWTH RATES OF REGIONAL GENERATED AND ATTRACTED TRIPS

2000/1990   (1990 = 1.0)

Region	VEHICLE CATEGORY							
	PC	LB	HB	PP	LT	MT	HT	TOTAL
Northern	1.74	1.57	1.79	1.60	1.54	1.70	1.76	1.65
Northeastern	1.80	1.89	1.93	1.77	1.73	1.83	1.86	1.80
Central	2.82	2.73	3.09	2.32	2.40	2.69	2.57	2.62
Southern	1.71	1.90	1.84	1.81	1.73	1.76	1.85	1.78
TOTAL	2.62	2.55	2.77	2.14	2.12	2.48	2.45	2.41

2010/1990

Region	VEHICLE CATEGORY							
	PC	LB	HB	PP	LT	MT	HT	TOTAL
Northern	2.35	2.03	2.46	2.02	1.94	2.21	2.32	2.14
Northeastern	2.36	2.52	2.61	2.30	2.23	2.39	2.45	2.35
Central	5.34	5.17	6.22	4.06	4.36	5.06	4.63	4.85
Southern	3.89	2.81	2.99	2.69	2.45	3.65	5.13	3.31
TOTAL	4.87	4.66	5.28	3.54	3.52	4.50	4.39	4.28

Appendix 6.42 TRIP LENGTH DISTRIBUTION BY VEHICLE CATEGORY — 1990

(%)

TRIP LENGTH (km)	VEHICLE TYPE									
	PC	LB	MB	HB	PP	PT	LT	MT	HT	TOTAL
0- 50	39.3	19.4	40.8	30.5	24.6	26.1	26.2	25.8	18.9	27.7
50- 100	31.5	42.6	31.1	25.0	34.5	34.4	40.0	38.2	45.2	36.0
100- 150	14.2	27.0	12.9	15.5	19.6	17.9	16.9	18.9	15.6	17.2
150- 200	6.7	5.6	6.9	8.5	7.5	10.6	7.7	7.1	6.3	7.4
200- 250	2.4	2.0	4.8	4.9	4.9	5.3	5.0	3.7	3.5	3.8
250- 300	1.9	1.0	0.7	3.4	2.6	1.9	1.7	2.4	2.2	2.2
300- 350	1.1	0.9	0.5	3.2	1.8	1.4	0.7	1.2	1.5	1.5
350- 400	0.5	0.3	1.1	1.1	0.9	0.8	0.4	0.5	0.8	0.7
400- 450	0.4	0.2	0.3	1.5	0.8	0.3	0.2	0.3	0.9	0.6
450- 500	0.4	0.3	0.3	1.3	0.6	0.4	0.3	0.4	0.8	0.5
500- 550	0.2	0.1	0.1	0.6	0.5	0.2	0.3	0.2	0.8	0.4
550- 600	0.3	0.0	0.3	0.9	0.4	0.2	0.2	0.2	0.6	0.4
600- 650	0.2	0.1	0.0	0.9	0.2	0.2	0.0	0.1	0.9	0.4
650- 700	0.5	0.4	0.1	1.1	0.4	0.1	0.1	0.3	0.5	0.4
700- 750	0.1	0.0	0.0	0.3	0.2	0.1	0.0	0.1	0.2	0.1
750- 800	0.1	0.0	0.1	0.5	0.2	0.0	0.1	0.1	0.2	0.2
800- 850	0.1	0.0	0.0	0.3	0.1	0.0	0.1	0.1	0.2	0.1
850- 900	0.1	0.0	0.0	0.3	0.1	0.1	0.0	0.1	0.2	0.1
900- 950	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
950-1000	0.1	0.1	0.0	2.0	1.0	0.0	0.0	0.1	0.2	0.1
1000-	0.1	0.1	0.1	0.2	0.1	0.0	0.1	0.1	0.6	0.2
AV. TRIP LENGTH	93.4	96.5	90.0	142.8	118.7	107.6	100.6	103.4	130.8	111.7

Appendix 6.43 TRIP LENGTH DISTRIBUTION OF PASSENGER VEHICLES
BY TRIP PURPOSE — 1990

(%)

TRIP LENGTH (KM)	TRIP PURPOSE				
	WORK	PRIVATE	TOUR	OTHERS	TOTAL
0- 50	35.3	31.3	9.0	35.9	32.1
50- 100	32.3	33.4	38.7	31.7	33.2
100- 150	16.8	17.3	15.7	20.1	17.0
150- 200	5.8	7.1	11.6	6.6	6.7
200- 250	3.4	3.6	5.1	2.8	3.6
250- 300	2.1	2.1	5.2	0.8	2.2
300- 350	1.3	1.5	2.7	0.3	1.5
350- 400	0.6	0.7	1.4	0.2	0.7
400- 450	0.5	0.7	1.5	0.3	0.6
450- 500	0.4	0.5	0.9	0.1	0.5
500- 550	0.3	0.3	0.7	0.1	0.3
550- 600	0.3	0.4	1.0	0.1	0.3
600- 650	0.2	0.2	0.5	0.0	0.2
650- 700	0.3	0.4	3.2	0.3	0.5
700- 750	0.1	0.1	0.7	0.0	0.1
750- 800	0.1	0.1	0.9	0.0	0.1
800- 850	0.1	0.1	0.4	0.2	0.1
850- 900	0.0	0.1	0.2	0.1	0.1
900- 950	0.0	0.0	0.1	0.0	0.0
950- 1000	0.0	0.1	0.4	0.0	0.1
1000-	0.0	0.1	0.3	0.2	0.1
AVE. TRIP LENGTH	97.3	105.9	179.1	86.5	105.4

Appendix 6.44 TRIP LENGTH DISTRIBUTION OF COMMODITY VEHICLES BY COMMODITY GROUP — 1990

(%)

TRIP LENGTH (KM)	TRIP PURPOSE				
	AGRI.	CONST.	MANUF	OTHERS	TOTAL
0- 50	17.9	22.9	23.2	28.6	23.2
50- 100	36.4	50.3	35.9	40.8	41.3
100- 150	18.7	16.9	19.3	13.6	17.1
150- 200	8.0	4.5	7.0	5.8	6.2
200- 250	5.3	1.8	4.2	3.4	3.6
250- 300	2.8	1.1	2.7	1.5	2.0
300- 350	1.9	0.6	1.7	1.2	1.3
350- 400	0.9	0.4	0.9	0.8	0.7
400- 450	1.0	0.2	0.9	0.5	0.7
450- 500	0.8	0.3	0.6	0.8	0.6
500- 550	1.0	0.3	0.7	0.5	0.6
550- 600	0.8	0.1	0.5	0.4	0.5
600- 650	1.2	0.2	1.0	0.3	0.7
650- 700	0.6	0.1	0.5	0.6	0.4
700- 750	0.1	0.1	0.1	0.1	0.1
750- 800	0.3	0.0	0.2	0.1	0.2
800- 850	0.3	0.1	0.2	0.2	0.2
850- 900	0.2	0.0	0.2	0.2	0.1
900- 950	0.0	0.1	0.1	0.0	0.1
950- 1000	0.4	0.0	0.1	0.3	0.2
1000-	1.2	0.1	0.2	0.3	0.5
AVE. TRIP LENGTH	154.6	91.8	125.2	113.6	120.0

Appendix 6.45 TRIP LENGTH DISTRIBUTION BY VEHICLE CATEGORY 2000

TRIP LENGTH (km)	VEHICLE CATEGORY							
	PC	LB	HB	PP	LT	MT	HT	TOTAL
0- 50	46.9	25.9	41.9	29.1	31.5	35.7	21.4	34.1
50- 100	27.4	40.1	22.3	34.4	34.2	33.1	44.1	33.6
100- 150	11.8	22.8	11.9	17.5	16.1	15.9	15.4	15.1
150- 200	5.2	4.6	5.5	6.0	8.4	5.8	5.6	5.9
200- 250	2.1	1.8	3.4	3.9	4.5	3.1	3.0	3.1
250- 300	1.8	1.1	3.0	2.4	1.8	2.4	2.0	2.1
300- 350	1.1	1.8	2.2	1.9	1.2	1.0	1.3	1.4
350- 400	0.6	0.2	1.1	0.9	0.6	0.5	0.7	0.7
400- 450	0.7	0.3	2.2	1.0	0.3	0.4	1.2	0.9
450- 500	0.4	0.3	1.2	0.6	0.4	0.5	0.7	0.6
500- 550	0.2	0.1	0.6	0.5	0.2	0.2	0.7	0.4
550- 600	0.4	0.0	1.0	0.5	0.2	0.3	0.6	0.4
600- 650	0.2	0.1	0.9	0.3	0.2	0.2	0.8	0.4
650- 700	0.6	0.5	1.0	0.5	0.1	0.4	0.5	0.5
700- 750	0.1	0.0	0.3	0.1	0.0	0.1	0.2	0.1
750- 800	0.1	0.0	0.5	0.2	0.0	0.1	0.2	0.2
800- 850	0.1	0.1	0.3	0.1	0.0	0.1	0.3	0.2
850- 900	0.1	0.1	0.3	0.1	0.1	0.1	0.2	0.1
900- 950	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
950- 1000	0.1	0.2	0.3	0.1	0.0	0.1	0.3	0.2
1000-	0.1	0.0	0.1	0.1	0.0	0.1	0.6	0.2
AVE. TRIP LENGTH	90.9	95.0	130.5	114.0	99.8	96.8	128.2	107.5

Appendix 6.46 TRIP LENGTH DISTRIBUTION BY VEHICLE CATEGORY — 2010

(%)

TRIP LENGTH (km)	VEHICLE CATEGORY							
	PC	LB	HB	PP	LT	MT	HT	TOTAL
0- 50	52.8	32.8	51.2	34.5	38.2	43.8	26.7	40.7
50- 100	23.6	39.2	19.6	33.5	33.0	29.7	41.7	30.0
100- 150	9.4	17.6	9.3	14.9	13.7	12.7	13.1	12.3
150- 200	4.1	4.1	3.9	5.1	6.8	4.4	4.4	4.7
200- 250	1.7	1.6	2.6	3.2	3.6	2.4	2.3	2.5
250- 300	3.1	1.0	2.5	2.1	1.5	3.0	3.4	2.6
300- 350	1.0	1.8	1.8	1.8	1.1	0.9	1.3	1.3
350- 400	0.6	0.1	1.1	0.9	0.5	0.5	0.6	0.6
400- 450	0.7	0.3	2.1	1.0	0.3	0.4	1.1	0.9
450- 500	0.4	0.3	1.1	0.5	0.4	0.4	0.7	0.5
500- 550	0.2	0.1	0.5	0.4	0.2	0.2	0.6	0.3
550- 600	0.3	0.0	0.9	0.5	0.1	0.2	0.6	0.4
600- 650	0.2	0.1	0.8	0.2	0.1	0.2	0.7	0.3
650- 700	0.6	0.5	0.9	0.5	0.1	0.3	0.5	0.5
700- 750	0.3	0.0	0.3	0.1	0.0	0.2	0.5	0.3
750- 800	0.1	0.0	0.4	0.2	0.0	0.1	0.2	0.1
800- 850	0.4	0.1	0.4	0.1	0.0	0.3	0.6	0.3
850- 900	0.1	0.1	0.3	0.1	0.1	0.0	0.2	0.1
900- 950	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
950- 1000	0.2	0.3	0.3	0.1	0.0	0.1	0.4	0.2
1000-	0.1	0.0	0.1	0.1	0.0	0.1	0.6	0.2
AV. TRIP LENGTH	91.4	88.2	116.4	107.0	90.5	91.2	125.8	102.6

Appendix 6.47 PRESENT AND FUTURE TRIP LENGTH DISTRIUTION BY VEHICLE GROUP

PASSENGER VEHICLES

□ 1990   + 2000   ◇ 2010

COMMODITY VEHICLES

□ 1990   + 2000   ◇ 2010
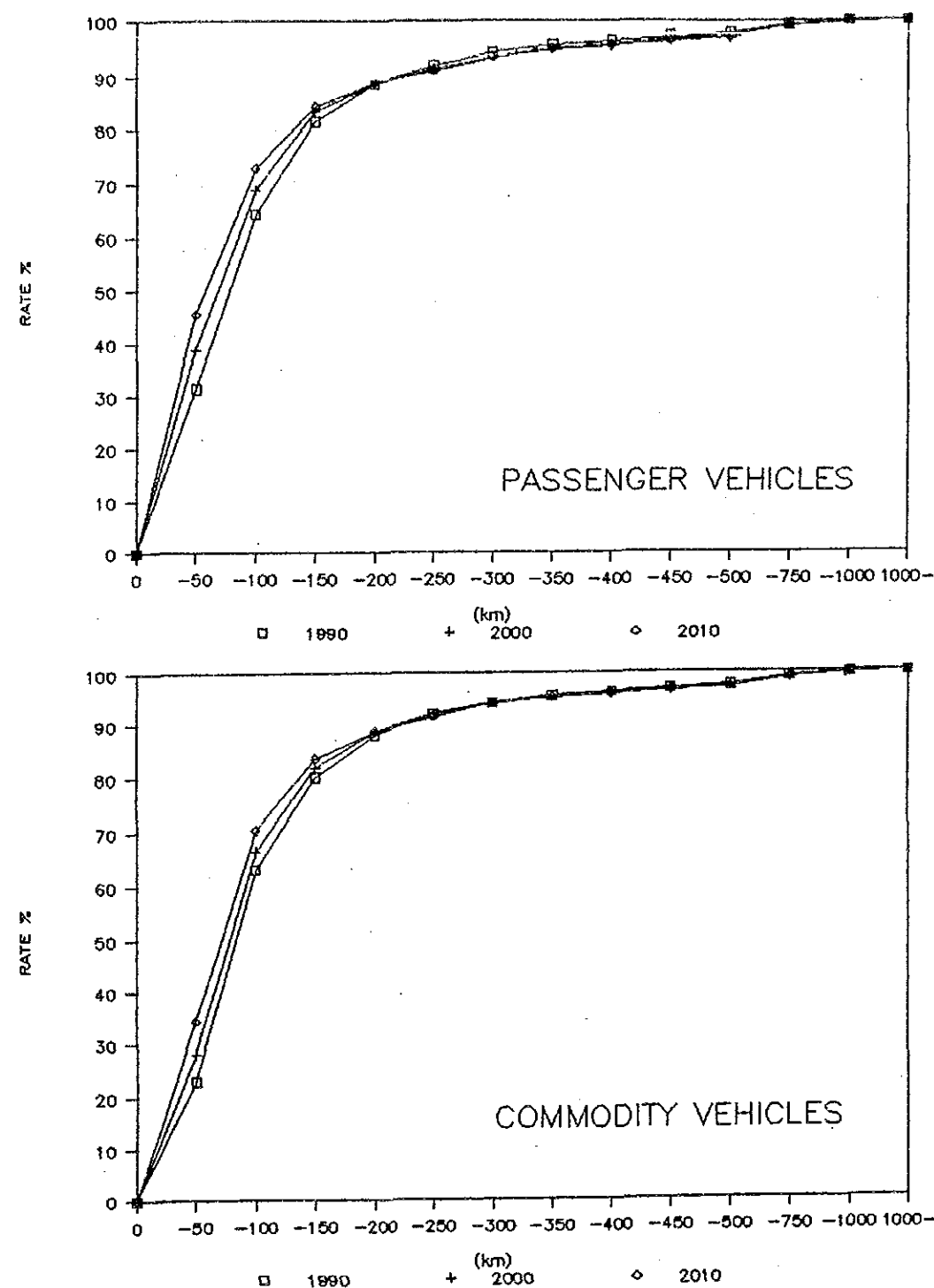
Appendix 6.48 NUMBER OF SUB - ZONES FOR TRAFFIC ASSIGNMENT BY CHANGWAT

Appendix 6.49 SUB - ZONING SYSTEM OF THE STUDY AREA

CODE	CHANGWAT	NO. OF SUB-ZONES	CODE	CHANGWAT	NO. OF SUB-ZONES	CODE	CHANGWAT	NO. OF SUB-ZONES
1	BANGKOK METROPOLITAN *	8	41	LOEI	6	68	UTHAI THANI	2
10	CHAI NAT	3	42	UDON THANI	5	70	SUPHAN BURI	8
11	SING BURI	3	43	NAKHON PHANOM	4	71	KANCHANABURI	7
12	LOP BURI	3	44	SAKHON NAKHON	5	72	NAKHON PATHOM	4
13	ANG THONG	1	45	KHON KAEN	6	73	RATCHABURI	5
14	SARABURI	5	46	KALASIN	2	74	SAMUT SAKHON	1
15	PHRA NAKHON SI AYUTTHAYA	5	47	MAHA SARAKHAM	5	75	SAMUT SONGKHRAM	1
16	PATHUM THANI *	3	48	ROI ET	4	76	PHETCHABURI	2
17	NONTHABURI *	2	49	MUKDAHAN	2	77	PRACHUAP KHIRI KHAN	7
18	SAMUT PRAKAN *	3	50	CHIANG RAI	7	80	CHUMPHON	4
20	NAKHON NAYOK	3	51	MAE HONG SON	3	81	RANONG	4
21	PRACHIN BURI	7	52	CHIANG MAI	9	82	SURATTHANI	7
22	CHACHOENGSAO	3	53	PHAYAO	3	83	PHANG NGA	4
23	CHON BURI	6	54	NAN	3	84	NAKHON SI THAMMARAT	7
24	RAYONG	3	55	LAMPHUN	4	85	KRABI	3
25	CHANTHA BURI	2	56	LAMPANG	6	86	PHUKET	2
26	TRAT	2	57	PHRAE	4	90	PHATTHALUNG	2
30	CHAIYAPHUM	5	60	UTTARADIT	2	91	TRANG	4
31	YASOTHON	2	61	SUKHOTHAI	6	92	SONGKHLA	8
32	UBON RATCHATHANI	6	62	TAK	4	93	SATUN	3
33	SI SA KET	5	63	PHITSANULOK	3	94	PATTANI	4
34	BURIRAM	4	64	KAMPHAENG PHET	4	95	YALA	4
35	NAKHON RATCHASIMA	11	65	PHICHIT	5	96	NARATHIWAT	3
36	SURIN	6	66	PHETCHABUN	7			
40	NONG KHAI	4	67	NAKHON SAWAN	7		TOTAL	317

Notes:

1. * Sub-zone OD table is estimated from BMA OD data.

2. The used code is the code of the Land Transport Department (LTD).

Appendix 6.49   SUB-ZONING SYSTEM OF THE STUDY AREA

LEGEND

——— Changwat boundary

——— Sub zone boundary

——— Amphoe boundary

(SOUTHERN REGION)

(NORTHERN REGION)

LEGEND

——— Changwat boundary

——— Sub zone boundary

——— Amphoe boundary

(NORTHEASTERN REGION)
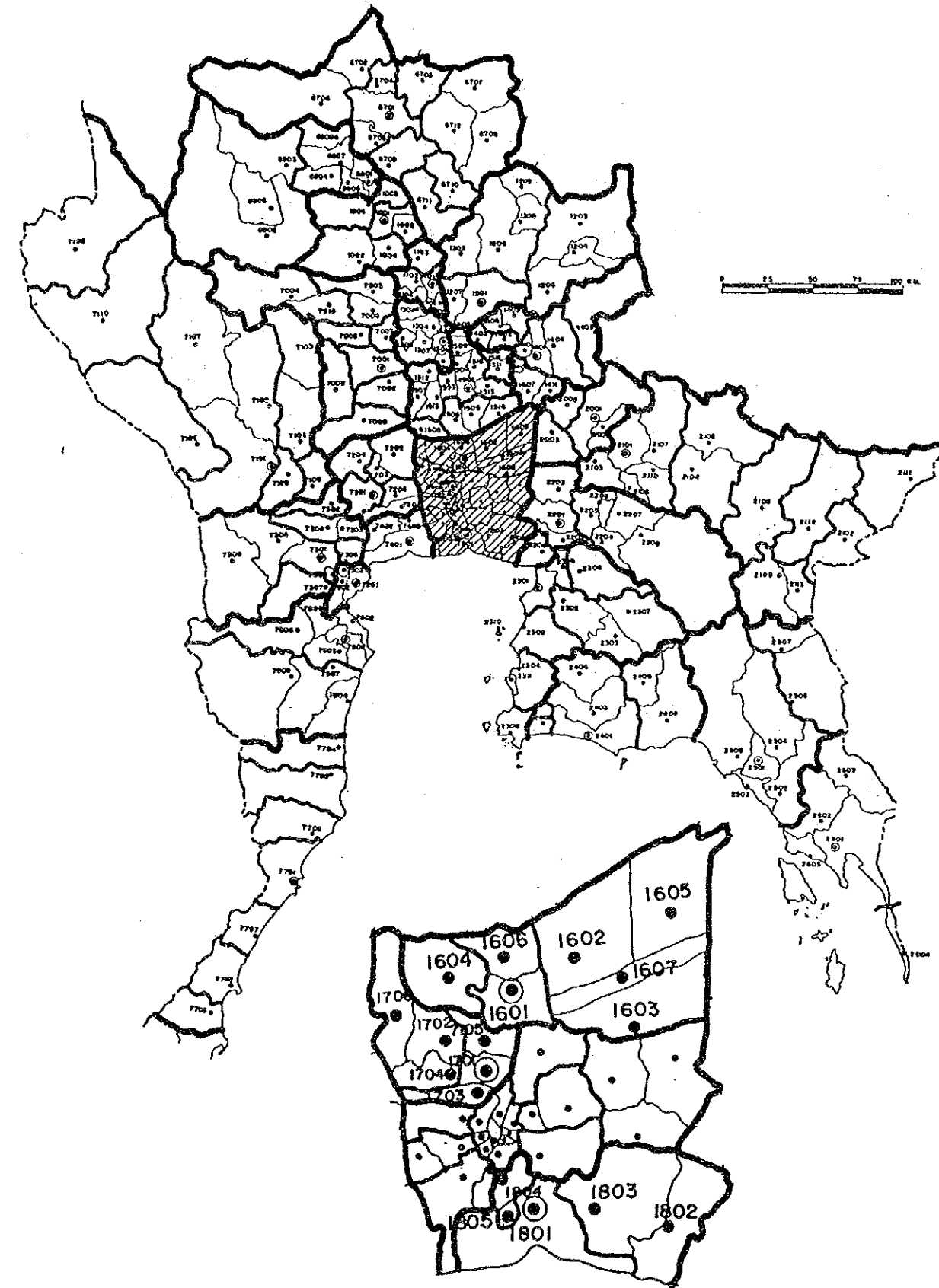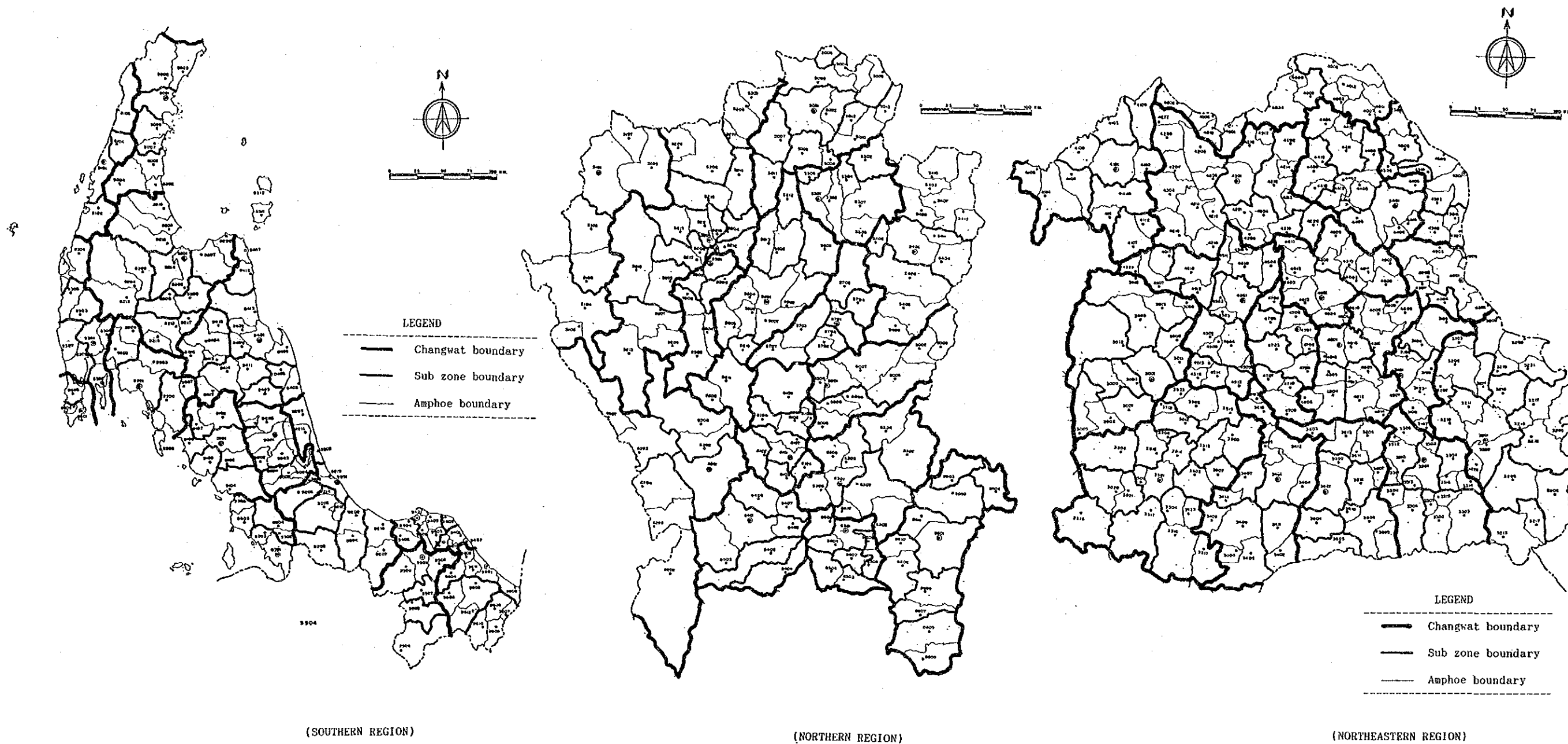
Appendix 6.50 LINK CLASSIFICATION AND Q–V EQUATION PARAMETERS

Code	Standard	Class	Surface Condition	Vertical Alignment	No of LANES	Vmax	Vmin	Q0	Qmax	Qover
1	Toll Motorway			F	6	140	35	36000	72000	86400
2				F	4	120	30	24000	48000	57600
3				R H	4	100	25	24000	48000	57600
4				Mount	4	80	20	24000	48000	57600
5	1(P)	D	G G/F F	F R H	4	90	25	16000	32000	38400
6				Mount	4	70	20	16000	32000	38400
7			F/P P	F R H	4	70	20	16000	32000	38400
8				Mount	4	50	15	16000	32000	38400
9		D	G G/F F	F R H	6	90	25	24000	48000	57600
10				Mount	6	70	20	24000	48000	57600
11			F/P P	F R H	6	70	20	24000	48000	57600
12				Mount	6	50	15	24000	48000	57600
13		D	G G/F F	F R H	10	90	25	40000	80000	96000
14				Mount	10	70	20	40000	80000	96000
15			F/P P	F R H	10	70	20	40000	80000	96000
16				Mount	10	50	15	40000	80000	96000
17		1	G G/F F	F R H	2	90	25	4000	8000	9600
18				Mount	2	70	20	4000	8000	9600
19			F/P P	F R H	2	70	20	4000	8000	9600
20				Mount	2	50	15	4000	8000	9600
21		2	G G/F F	F R H	2	80	20	2000	4000	4800
22				Mount	2	60	15	2000	4000	4800
23			F/P P	F R H	2	60	15	2000	4000	4800
24				Mount	2	40	10	2000	4000	4800
25		3	G G/F F	F R H	2	80	20	1000	2000	2400
26				Mount	2	60	15	1000	2000	2400
27			F/P P	F R H	2	60	15	1000	2000	2400
28				Mount	2	40	10	1000	2000	2400
29	2(S)	D	G G/F F	F R H	4	80	20	16000	32000	38400
30				Mount	4	60	15	16000	32000	38400
31			F/P P	F R H	4	60	15	16000	32000	38400
32				Mount	4	40	10	16000	32000	38400
33		D	G G/F F	F R H	6	80	20	24000	48000	57600
34				Mount	6	60	15	24000	48000	57600
35			F/P P	F R H	6	60	15	24000	48000	57600
36				Mount	6	40	10	24000	48000	57600
37		1	G G/F F	F R H	2	80	20	4000	8000	9600
38				Mount	2	60	15	4000	8000	9600
39			F/P P	F R H	2	60	15	4000	8000	9600
40				Mount	2	40	10	4000	8000	9600
41		2	G G/F F	F R H	2	70	15	2000	4000	4800
42				Mount	2	50	10	2000	4000	4800
43			F/P P	F R H	2	50	10	2000	4000	4800
44				Mount	2	30	5	2000	4000	4800
45		3	G G/F F	F R H	2	70	15	1000	2000	2400
46				Mount	2	50	10	1000	2000	2400
47			F/P P	F R H	2	50	10	1000	2000	2400
48				Mount	2	30	5	1000	2000	2400
49		4	G G/F F	F R H	2	60	15	500	1000	1200
50				Mount	2	40	10	500	1000	1200
51			F/P P	F R H	2	40	10	500	1000	1200
52				Mount	2	20	5	500	1000	1200
53		5	G G/F F	F R H	2	60	15	150	300	360
54				Mount	2	40	10	150	300	360
55			F/P P	F R H	2	40	10	150	300	360
56				Mount	2	20	5	150	300	360

Code	Standard	Class	Surface Condition	Vertical Alignment	No of LANES	Vmax	Vmin	Q0	Qmax	Qover
57	3(F)	D	G G/F F	F R H	4	80	20	16000	32000	38400
58				Mount	4	60	15	16000	32000	38400
59			F/P P	F R H	4	60	15	16000	32000	38400
60				Mount	4	40	10	16000	32000	38400
61		D	G G/F·F	F R H	6	80	20	24000	48000	57600
62				Mount	6	60	15	24000	48000	57600
63			F/P P	F R H	6	60	15	24000	48000	57600
64				Mount	6	40	10	24000	48000	57600
65		1	G G/F F	F R H	2	80	20	4000	8000	9600
66				Mount	2	60	15	4000	8000	9600
67			F/P P	F R H	2	60	15	4000	8000	9600
68				Mount	2	40	10	4000	8000	9600
69		2	G G/F F	F R H	2	70	15	2000	4000	4800
70				Mount	2	50	10	2000	4000	4800
71			F/P P	F R H	2	50	10	2000	4000	4800
72				Mount	2	30	5	2000	4000	4800
73		3	G G/F F	F R H	2	70	15	1000	2000	2400
74				Mount	2	50	10	1000	2000	2400
75			F/P P	F R H	2	50	10	1000	2000	2400
76				Mount	2	30	5	1000	2000	2400
77		4	G G/F F	F R H	2	60	15	500	1000	1200
78				Mount	2	40	10	500	1000	1200
79			F/P P	F R H	2	40	10	500	1000	1200
80				Mount	2	20	5	500	1000	1200
81		5	G G/F F	F R H	2	60	15	150	300	360
82				Mount	2	40	10	150	300	360
83			F/P P	F R H	2	40	10	150	300	360
84				Mount	2	20	5	150	300	360
85		6	G G/F F	F R H	2	50	10	150	300	360
86				Mount	2	30	5	150	300	360
87			F/P P	F R H	2	30	5	150	300	360
88				Mount	2	10	1	150	300	360
89	Expressway (ETA)				6	80	20	36000	72000	86400
90	Ordinary way in Bangkok				2	40	10	5000	10000	12000
91					4	40	10	20000	40000	48000
92					6	40	10	30000	60000	72000
93	Ramp				2	20	10	5000	10000	12000

Note : Surface G=Good, F=Fair, P=Poor
Alignment F=Flat, R=Rolling, H=Hilly, Mount=Mountainous

Appendix 6.51 AASHYO DIBERSION CURVE

Appendix 6.52 NIHON DORO KODAN DIVERSION CURVES

ASSHO TYPE

PASSENGER CAR (2000)

PASSENGER CAR (2010)
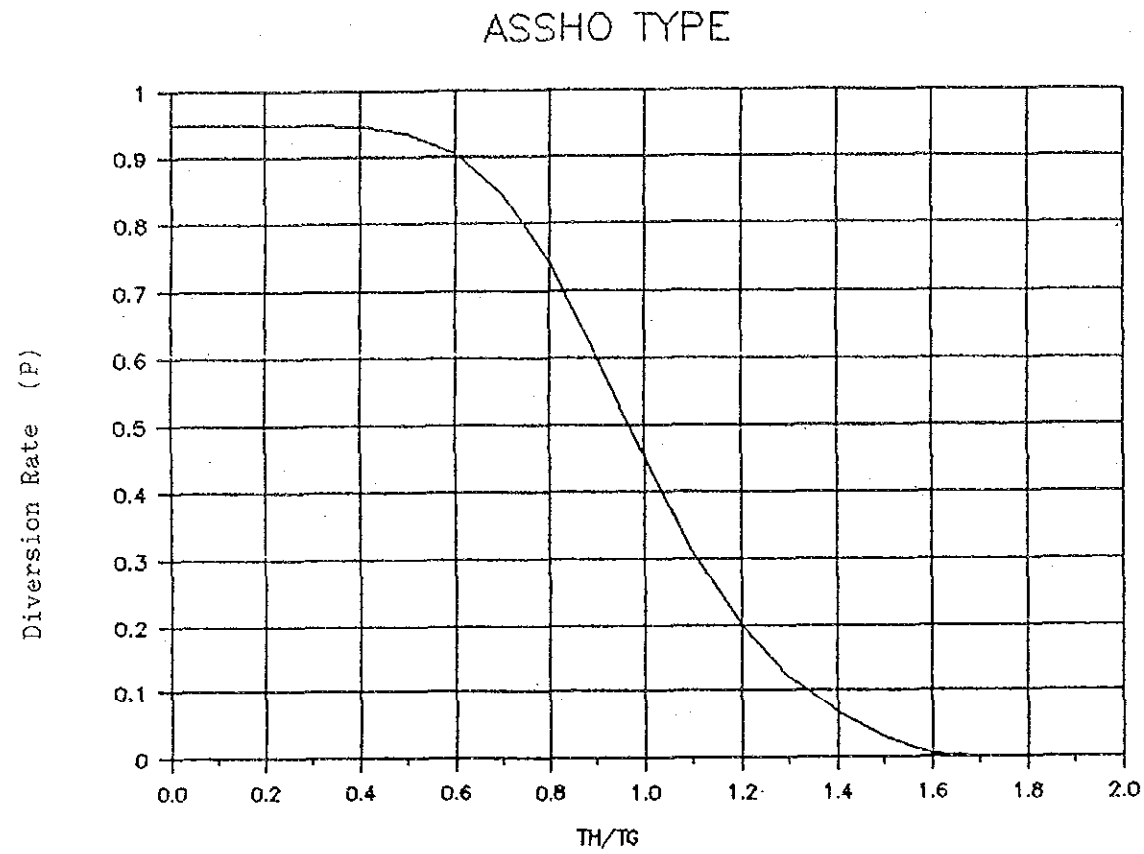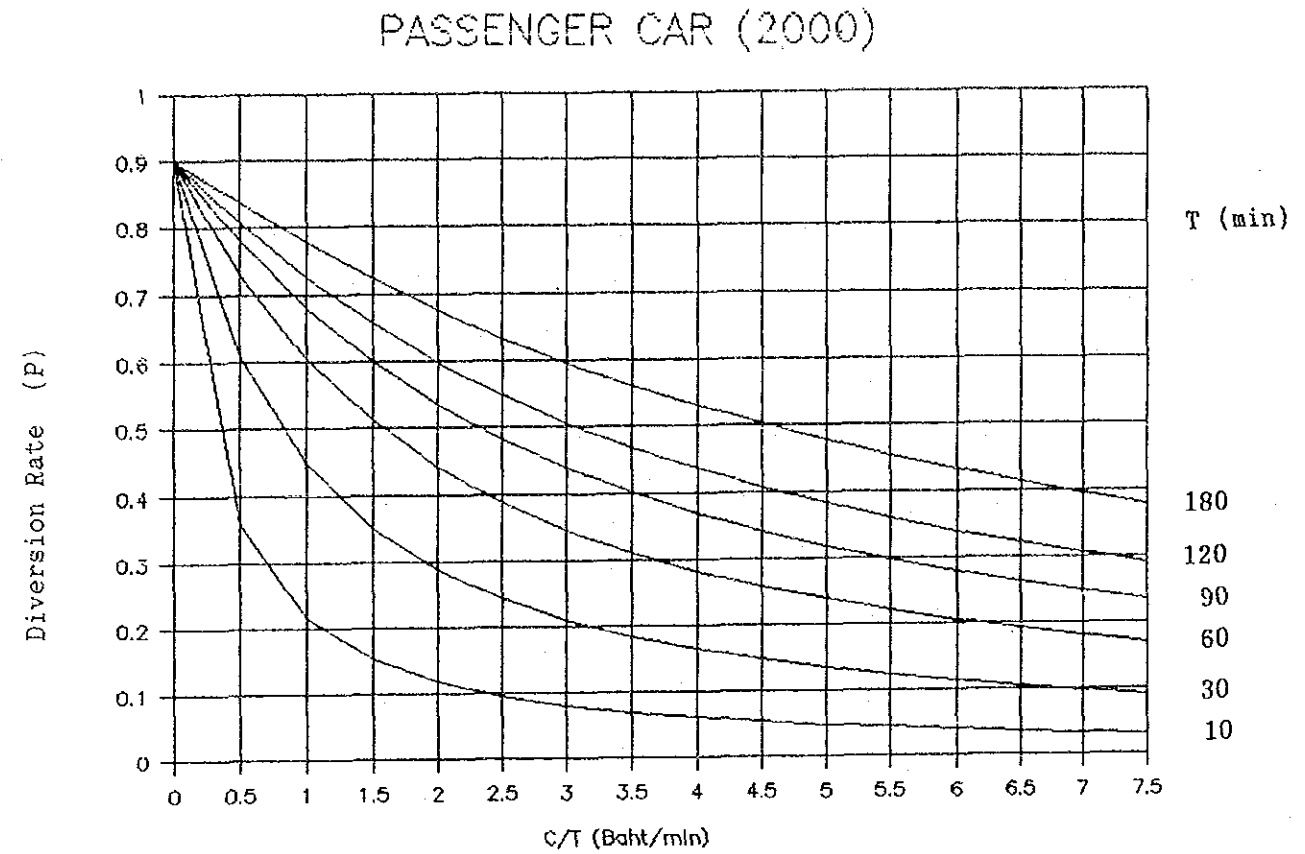
Example: Assume a trip on both motorways and ordinary highways in the year 2010 under the following conditions:

	Motorways	Ordinary highways
Length (km)	500	500
Speed (km/hr)	90	50
Time (min.)	333	250
Toll Rate "C" (Baht)	500	—

Time difference "T" = 333 - 250 = 83 min.

$$C / T = 500 / 83 = 6.02$$

Using the curves of Nihon Doro Kodan in Appendix 6.52 for the case of passenger car:

Diversion Rate "P" = 35 % (approximately)
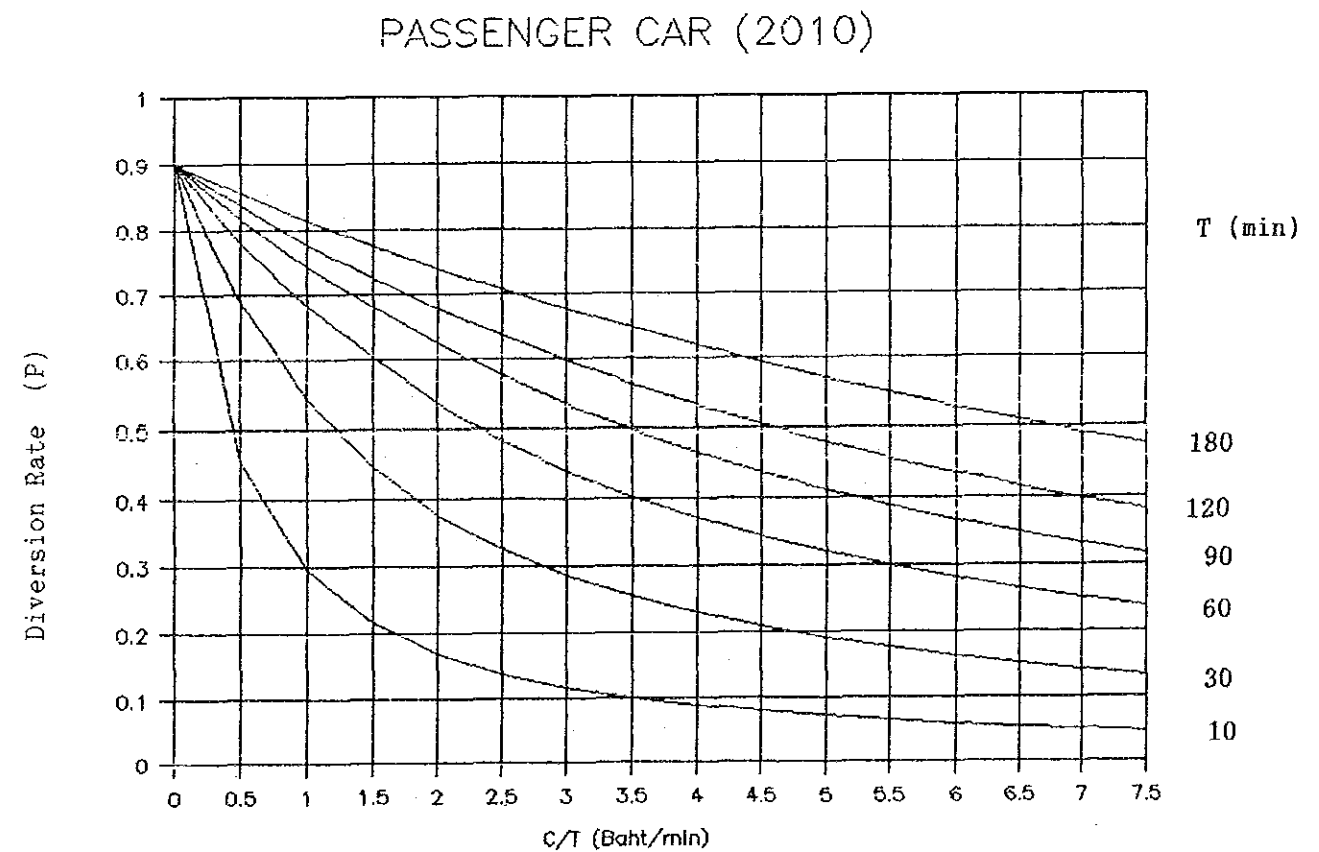
Appendix 6.52 NIHON DORO KODAN DIVERSION CURVES

LIGHT TRUCK (2000)
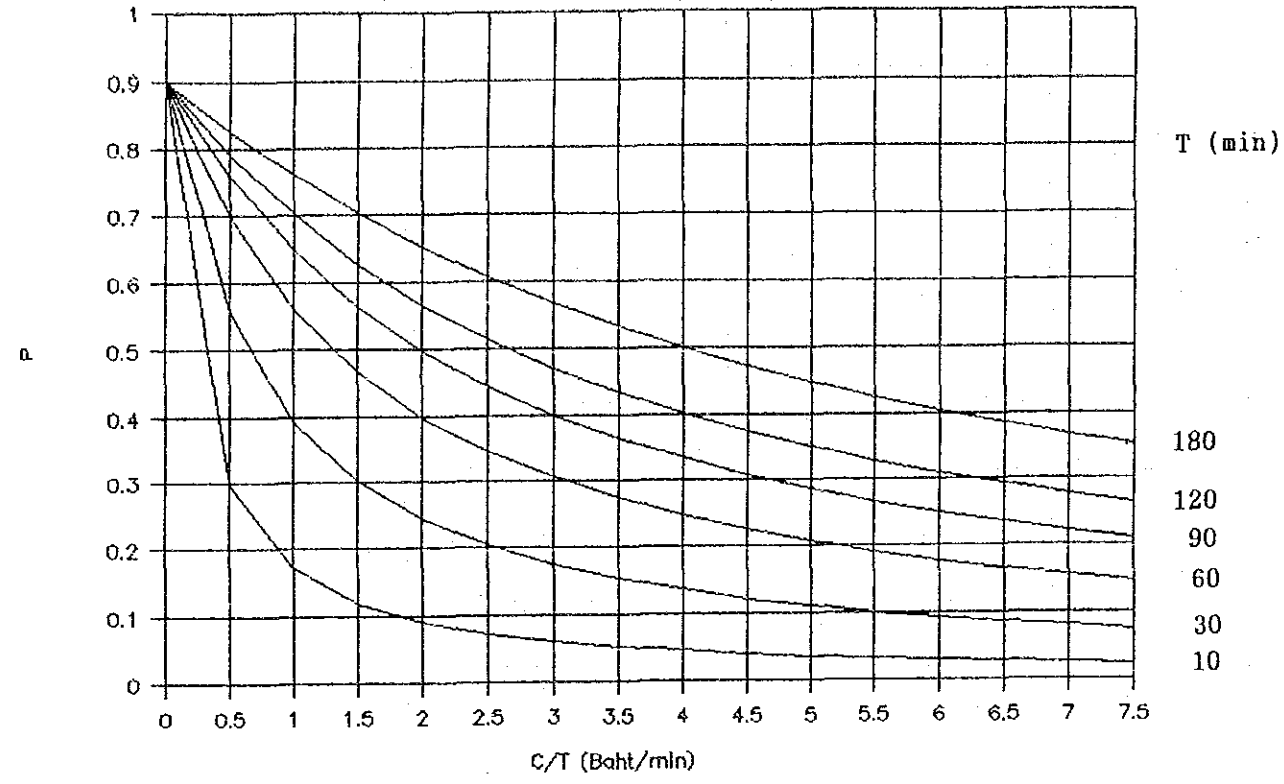
HEAVY TRUCK (2000)
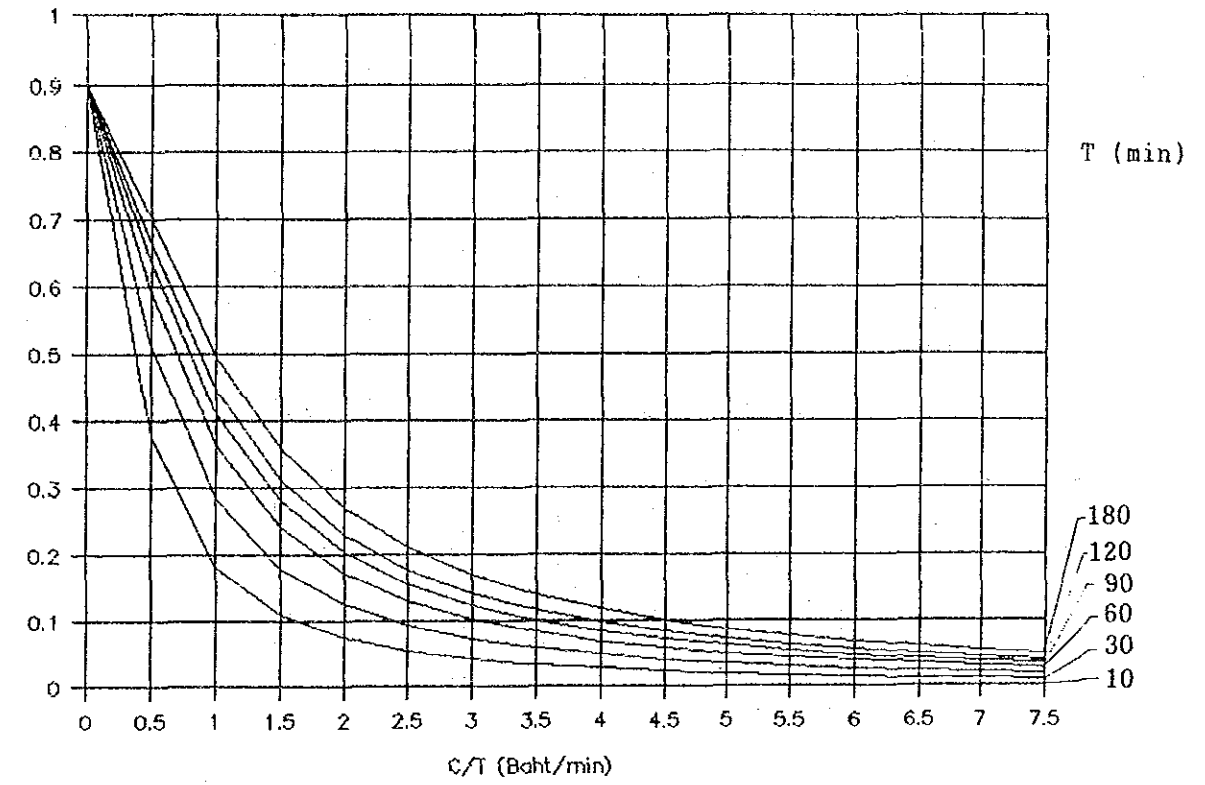
LIGHT TRUCK (2010)
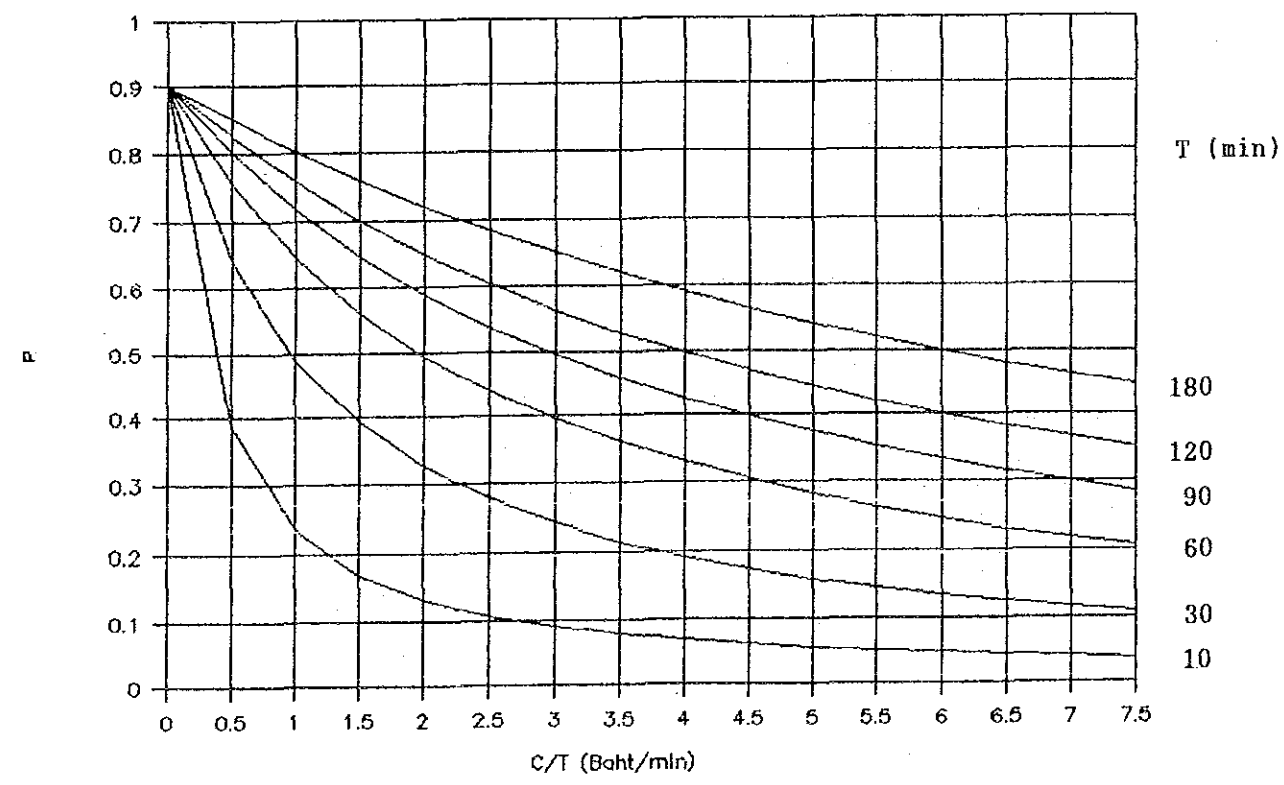
HEAVY TRUCK (2010)
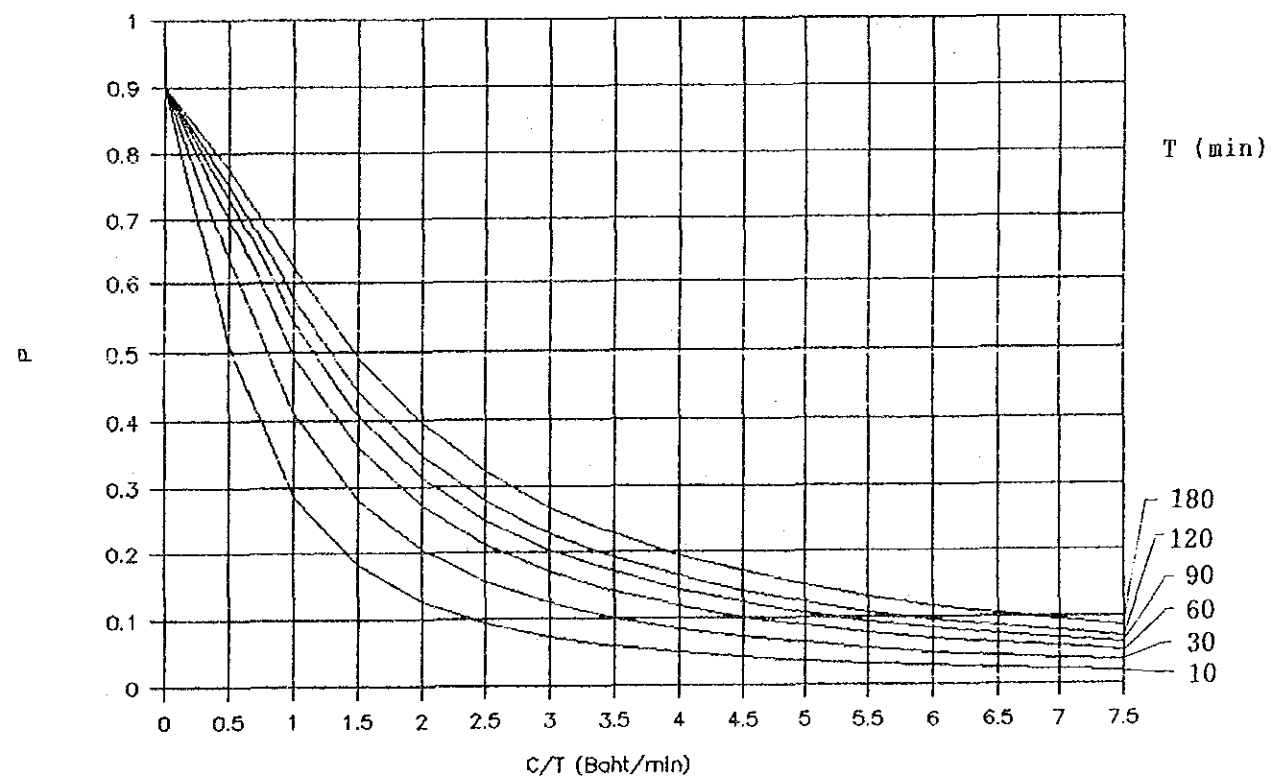
Appendix 6.53 TRAFFIC ASSIGNMENT CASES

Case No.	Year	Toll Motorways Network	Length (km)	Lanes	Toll Rate (Bt/km)	Induced Traffic	Diversion Formula
I. "Without Project" Cases (for national highway network only):							
1	1990						
2	2000						
3	2010						
II. "With Project" Cases (for both networks):							
4	2010	Tentative	5851	4-L	0.0	With	AASHTO
5					0.25		
6					0.5		
7					0.75		
8					1.0		
9					3.0		
10					5.0		
11					10.0		
12	2010	Tentative	5851	4-L	0.0	With	KODAN
13					0.25		
14					0.5		
15					0.75		
16					1.0		
17					3.0		
18					5.0		
19					10.0		
20	2010	Tentative	5851	4-L	0.0	Without	KODAN
21					1.0		
22	2010	Proposed	4345	4-L	1.0	With	KODAN
23	2010	Proposed	4345	4&6-L	1.0	With	KODAN
24						Without	
III. Implementation Staging Plans:							
25	1995	Scenario 1	701	4&6-L	1.0	With	KODAN
26	2000	Case 1-1	1891				
27	2000	Case 1-2	1201				
28	1995	Scenario 2	1004				
29	2000	Case 2-1	2126				
30	1995	Scenario 3	704				
31	2000	Case 3-1	1668				
32	2000	Case 3-2	1497				

Appendix 6.54 TRAFFIC VOLUME MATCHING RATES ON REGION BOUNDARIES — 1990

INTER-REGION	COUNTED TRAFFIC VOLUME (A)				ASSIGNED TRAFFIC VOLUME (B)				MATCHING RATE (B/A)			
	PC	BUS	PU+T	TOTAL	PC	BUS	PU+T	TOTAL	PC	BUS	PU+T	TOTAL
N - NE	311	269	1987	2567	351	390	2260	3001	1.13	1.45	1.14	1.17
C - N	4042	2014	12222	18278	4080	2331	13317	19728	1.01	1.16	1.09	1.08
C - NE	1973	1985	11908	15866	1766	2184	12123	16073	0.90	1.10	1.02	1.01
C - S	837	645	4330	5812	816	795	4281	5892	0.97	1.23	0.99	1.01
TOTAL	7163	4913	30447	42523	7007	5681	31872	44560	0.98	1.16	1.05	1.05

Appendix 6.55 TRAFFIC VOLUME MATCHING RATES ON DIVISION BOUNDARIES — 1990

REGION	INTER-DIVISION	COUNTED TRAFFIC VOLUME (A)				ASSIGNED TRAFFIC VOLUME (B)				MATCHING RATE (B/A)			
		PC	BUS	PU+T	TOTAL	PC	BUS	PU+T	TOTAL	PC	BUS	PU+T	TOTAL
N	N1 - N2	2459	1107	6717	10283	2368	954	6436	9758	0.96	0.86	0.96	0.95
	N1 - N3	803	371	1837	3011	1088	502	2359	3949	1.35	1.35	1.28	1.31
	N2 - N3	1349	566	2968	4883	1183	584	3503	5270	0.88	1.03	1.18	1.08
	REGION TOTAL	4611	2044	11522	18177	4639	2040	12298	18977	1.01	1.00	1.07	1.04
NE	NE1 - NE2	1604	1065	6216	8885	1682	1206	7121	10009	1.05	1.13	1.15	1.13
	NE1 - NE3	552	405	2200	3157	499	337	2376	3212	0.90	0.83	1.08	1.02
	NE1 - NE4	1701	1480	6792	9973	1147	1353	7629	10129	0.67	0.91	1.12	1.02
	NE2 - NE3	389	360	2435	3184	377	389	2671	3437	0.97	1.08	1.10	1.08
	NE3 - NE4	569	667	3675	4911	469	498	3164	4131	0.82	0.75	0.86	0.84
	REGION TOTAL	4815	3977	21318	30110	4174	3783	22961	30918	0.87	0.95	1.08	1.03
C	C1 - C2	385	622	3372	4379	300	217	2488	3005	0.78	0.35	0.74	0.69
	C1 - C3	6247	3818	32307	42372	8031	6767	29456	44254	1.29	1.77	0.91	1.04
	C2 - BKR	12121	4375	43638	60134	12719	5446	45306	63471	1.05	1.24	1.04	1.06
	C3 - BKR	24027	13817	60496	98340	21071	15188	69945	106204	0.88	1.10	1.16	1.08
	REGION TOTAL	42780	22632	139813	205225	42121	27618	147195	216934	0.98	1.22	1.05	1.06
S	S1 - S2	1570	859	6310	8739	1466	887	5948	8301	0.93	1.03	0.94	0.95
	S2 - S3	1868	749	5035	7652	2002	797	5783	8582	1.07	1.06	1.15	1.12
	REGION TOTAL	3438	1608	11345	16391	3468	1684	11731	16883	1.01	1.05	1.03	1.03
DIVISION BOUNDARY TOTAL		55644	30261	183998	269903	54402	35125	194185	283712	0.98	1.16	1.06	1.05

Appendix 6.56 PRESENT AND FUTURE NATIONAL HIGHWAY NETWORKS

N

NATIONAL HIGHWAY NETWORK IN 1990

N

NATIONAL HIGHWAY NETWORK IN 2000

N

2 - Lane
4 - Lane and over

NATIONAL HIGHWAY NETWORK IN 2010

Appendix 6.57 DESIGN ADT AND ASSIGNED TRAFFIC VOLUMES — 1990

DESIGN ADT AND ASSIGNED
TRAFFIC VOLUMES-1990

LEGEND

□ : DESIGN ADT> ASSIGNED VOLUME

■ : DESIGN ADT <ASSIGNED VOLUME
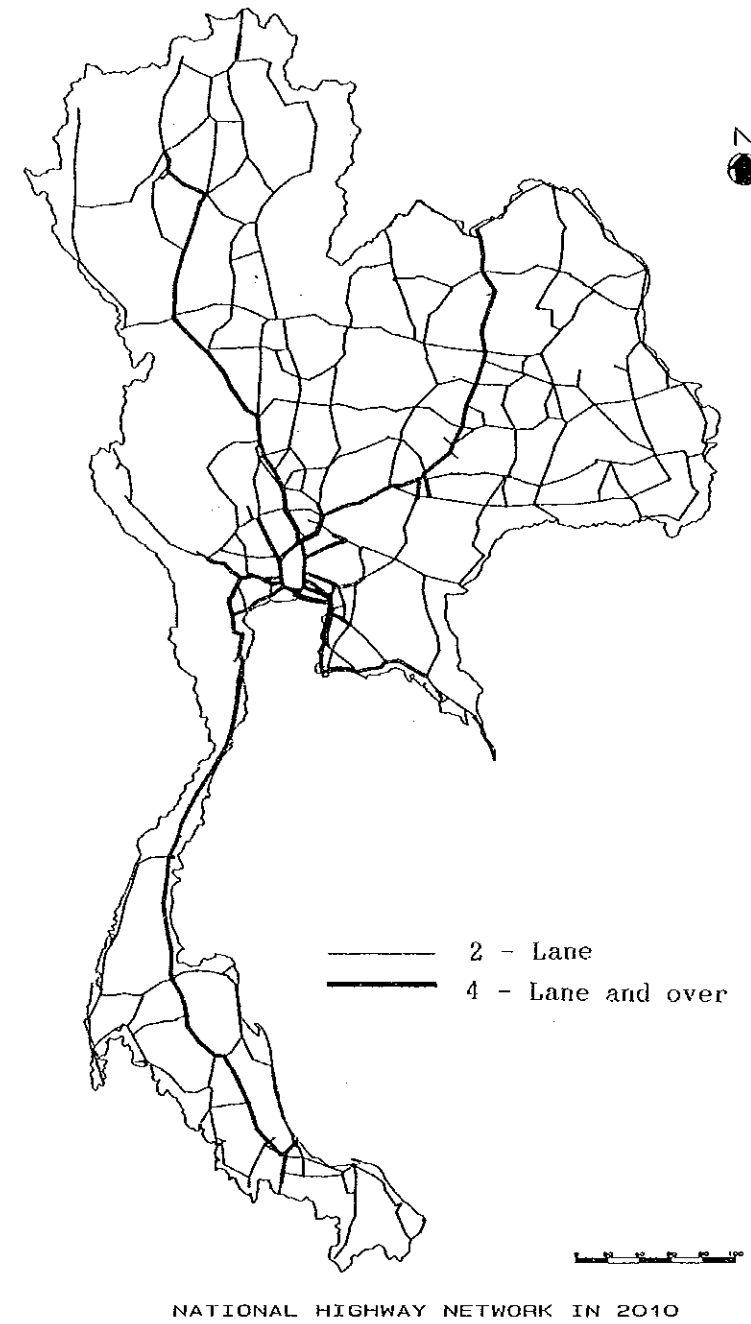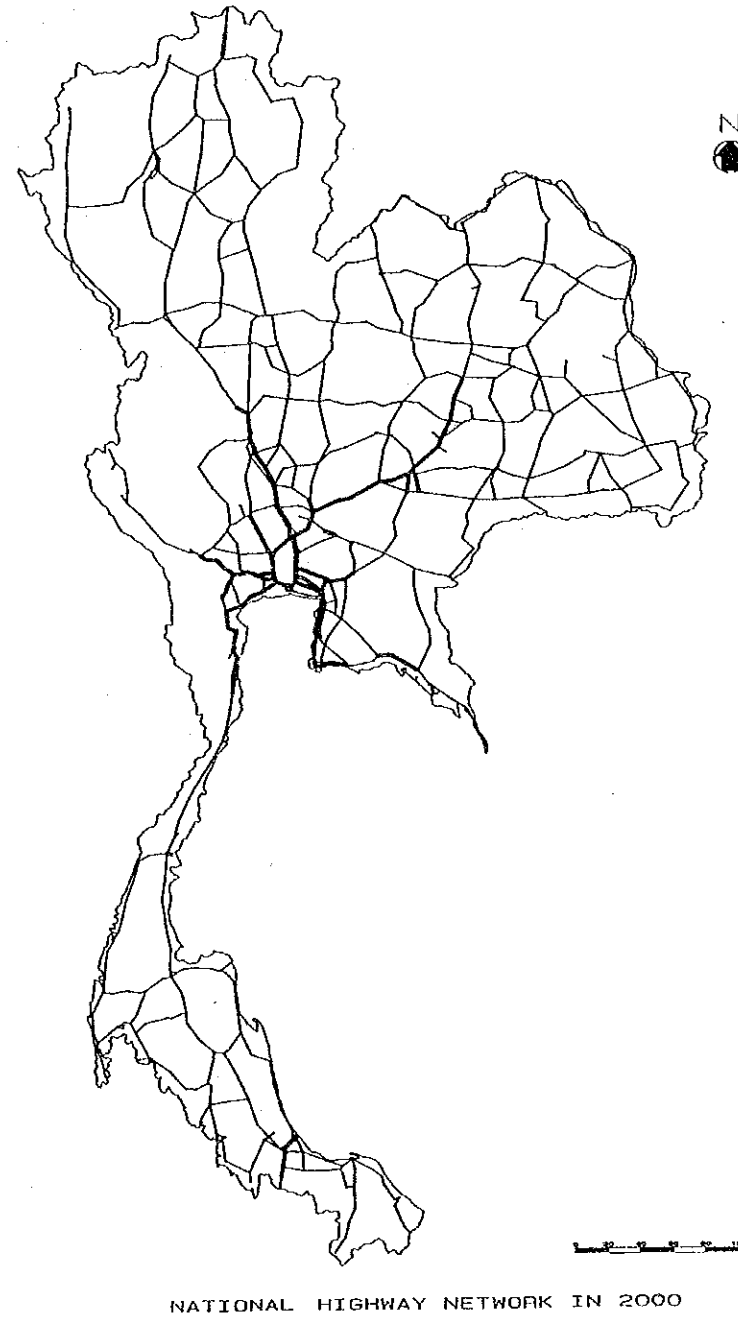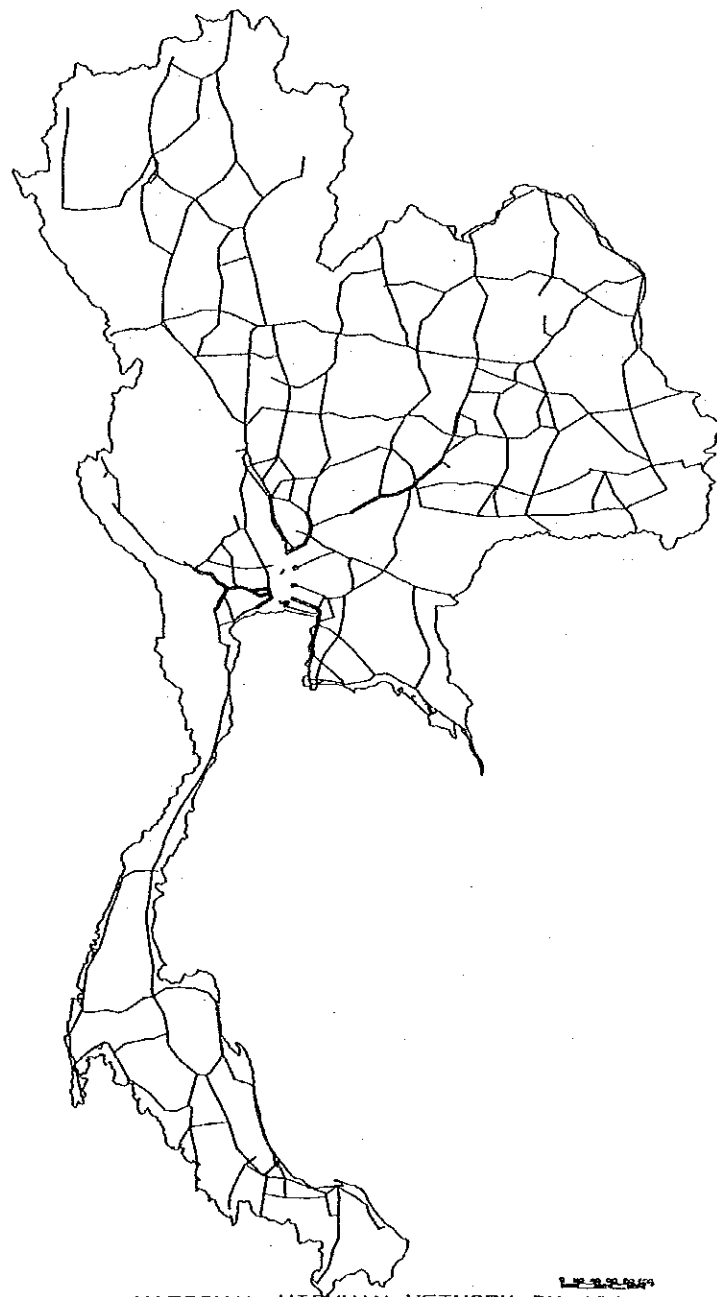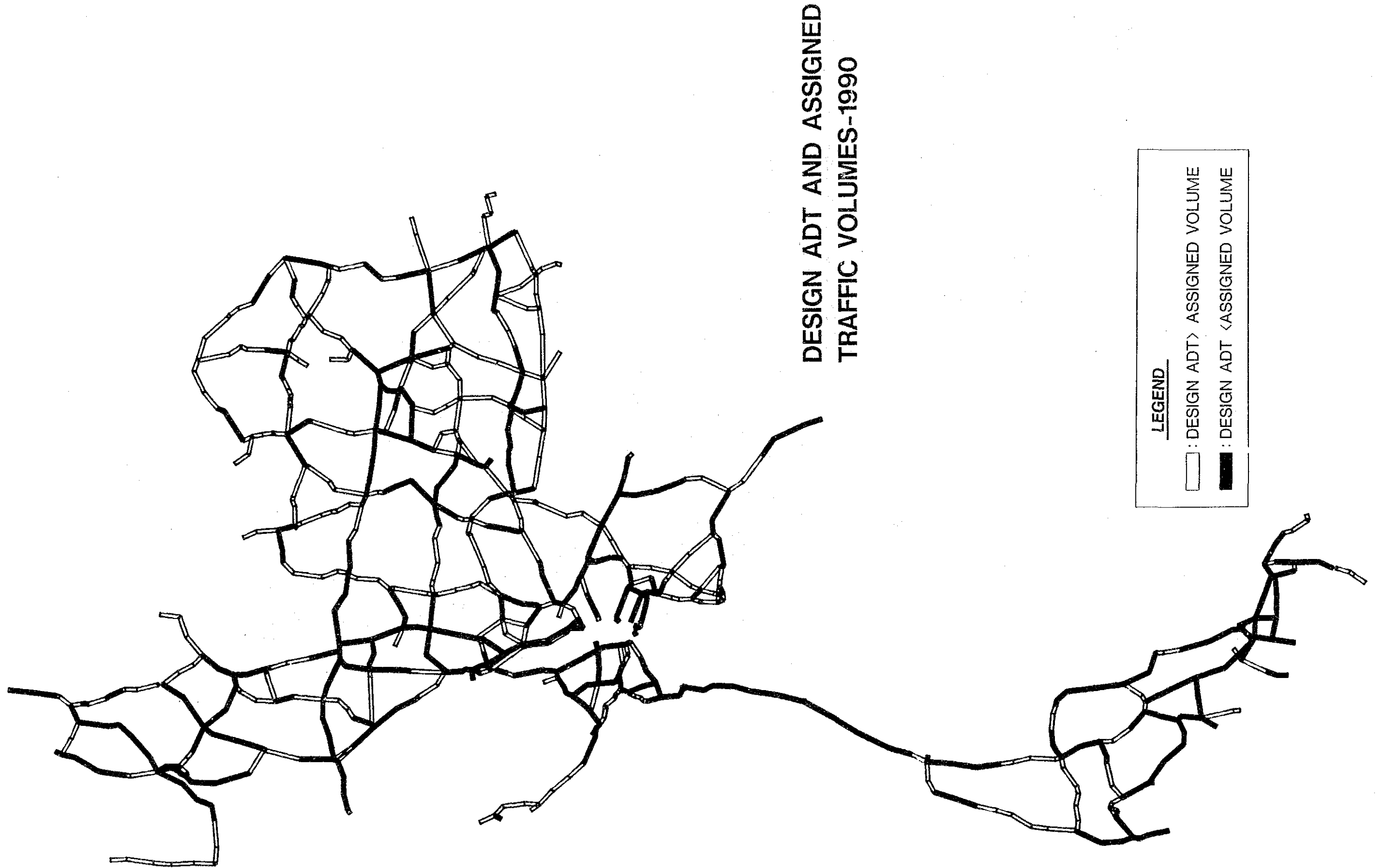
Appendix 6.58 ASSIGNED TRAFFIC VOLUMES ON TENTATIVE TOLL MOTORWAY NETWORK — 2010

Appendix 6.59 ASSIGNED TRAFFIC VOLUMES ON NATIONAL HIGHWAY NETWORK (WITH TENTATIVE NETWORK) — 2010

Appendix 6.60 ASSIGNED TRAFFIC VOLUMES ON NATIONAL HIGHWAY NETWORK (WITH PROPOSED NETWORK) — 2010

Appendix 6.61 TRIP LENGTH DISTRIBUTION OF INDUCED TRIPS — 2010

(%)

Trip Length (km)	Vehicle Category							
	PC	LB	HB	PP	LT	MT	HT	Total
0- 50	2.8	4.6	1.5	3.5	3.6	2.6	2.4	3.0
50- 100	30.1	29.1	18.9	32.9	38.2	34.6	43.0	34.5
100- 150	28.3	41.7	25.0	26.2	29.6	32.4	22.7	27.7
150- 200	12.9	11.2	10.5	12.9	14.3	11.3	7.7	11.9
200- 250	3.6	2.3	4.5	5.3	4.6	4.2	3.2	4.2
250- 300	4.4	2.0	6.0	3.8	2.7	4.2	2.9	3.6
300- 350	1.9	1.7	2.9	2.3	1.7	1.4	1.6	1.9
350- 400	2.1	0.4	3.3	2.0	1.2	1.4	1.1	1.6
400- 450	2.3	1.1	5.9	2.4	0.7	1.3	2.6	2.1
450- 500	1.3	1.2	3.2	1.3	0.9	1.2	1.5	1.3
500- 550	0.5	0.3	1.0	1.0	0.4	0.5	1.1	0.7
550- 600	1.7	0.1	3.3	1.4	0.4	0.9	1.4	1.3
600- 650	1.2	0.2	3.1	0.8	0.4	0.7	2.1	1.1
650- 700	3.8	1.9	4.4	1.9	0.5	1.7	1.6	2.1
700- 750	0.1	0.0	0.7	0.3	0.1	0.1	0.3	0.2
750- 800	0.6	0.2	1.3	0.6	0.1	0.2	0.4	0.4
800- 850	0.6	0.3	1.5	0.4	0.1	0.5	1.0	0.6
850- 900	0.4	0.3	1.2	0.3	0.2	0.2	0.6	0.4
900- 950	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.1
950-1000	1.0	1.3	1.4	0.3	0.2	0.5	1.3	0.7
1000-	0.3	0.1	0.3	0.3	0.1	0.3	1.5	0.5
Av. Trip Length	203.5	156.9	280.7	185.3	142.0	165.7	203.9	185.6

Appendix 6.62 ASSIGNED TRAFFIC VOLUMES OF IMPLEMENTATION PLANS

Plan	Route No.	Length (km)	1000 Veh-km	Veh-hr	Av. Vol.
Scenario 1 (1995)	1	264	2251	20192	8528
	3	196	2179	19150	11117
	4	108	1267	11172	11735
	31	46	474	4150	10311
	32	47	697	6123	14839
	36	40	120	1045	2989
Case 1-1 (2000)	1	387	5621	49862	14525
	2	199	4093	36298	20567
	3	196	4728	41748	24125
	4	608	8195	72730	13478
	31	170	5314	46626	31260
	32	47	1091	9587	23217
	34	60	339	2961	5649
	36	40	25	223	636
	41	184	523	4622	2842
Case 1-2 (2000)	1	264	3341	29781	12654
	2	376	6221	55284	16547
	3	196	4674	41195	23848
	4	108	2097	18519	19417
	31	170	5182	45526	30481
	32	47	1096	9627	23315
	36	40	29	258	736
Scenario 2 (1995)	1	68	689	6039	10130
	2	62	939	8317	15143
	3	126	1781	15668	14139
	4	54	191	1683	3533
	31	170	2959	25904	17405
	32	47	982	8619	20897
	33	62	266	2328	4295
	34	60	160	1403	2673
	36	355	1355	11913	3817
Case 2-1 (2000)	1	449	6260	54937	13943
	2	376	6090	54056	16198
	3	126	3548	31419	28161
	4	481	6509	57680	13532
	31	170	5178	45578	30459
	32	47	1090	9604	23185
	33	62	325	2831	5237
	34	60	255	2225	4247
	36	355	2019	17799	5686
Scenario 3 (1995)	1	578	6332	57451	10955
	3	126	1502	13270	11918
Case 3-1 (2000)	1	578	8190	74032	14170
	3	126	3454	30705	24710
	4	780	9845	87256	12622
	41	184	452	3980	2455
Case 3-2 (2000)	1	578	8225	74346	14229
	2	376	6314	56098	16793
	3	126	3535	31501	28055
	4	417	6652	58990	15953

Appendix 7.1 LENGTH OF MOTORWAYS AND INDICES IN VARIOUS COUNTRIES

	Length of Motorways (km)	Population (1,000 persons) (1988)	Area (1,000km) (1988)	Per Capita GNP (US$) (1988)
USA	83,214	244,523	9,363	19,813
ITALY	7,515	57,399	301	14,384
FRANCE	11,330	55,990	551	16,962
F.R. GERMANY	10,300	61,242	249	19,741
JAPAN	14,000	122,890	378	23,382
AUSTRIA	1,666	7,602	84	12,412
BELGIUM	1,567	9,865	31	15,125
SWITZERLAND	1,856	6,625	41	28,213
INDONESIA (JAVA Is.)	1,016	105,796	132	540
MALAYSIA (peninsula)	877	10,267	132	2,356
TAIWAN	818	19,450	36	6,147
KOREA	3,500	42,080	99	4,082

Note: The length of motorways in each country is totaled by the existing, constructing and planning in 1988.

Appendix 7.2 RELATIONSHIP BETWEEN K AND G

$$L = K \sqrt{A \times P} \qquad \text{(equation 1)}$$

where, L : road length
K : function of GNP Per Capita Income (G)
A : area
P : population

$$K = 0.000686056 + 0.000000087 \times G \qquad \text{(equation 2)}$$
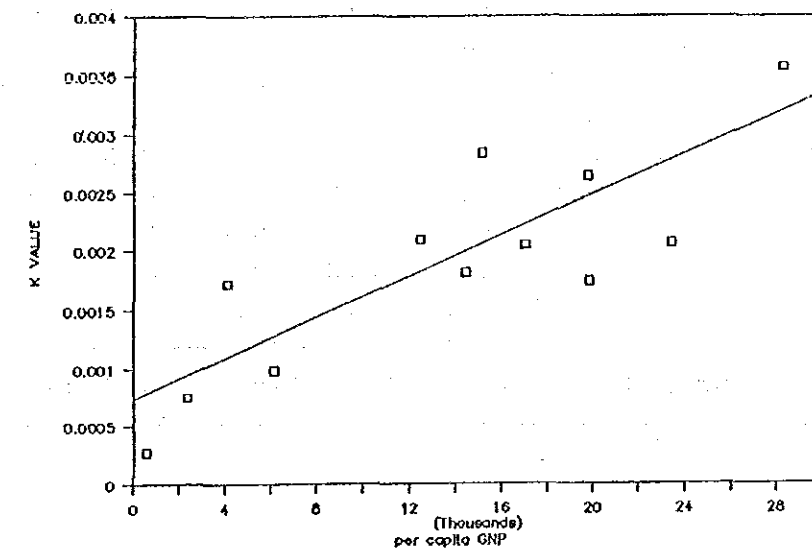
RELATIONSHIP BETWEEN K AND G

Appendix 7.3 DETAILS OF MAJOR POINTS BY CHANGWAT

REGION	CHANGWAT	DESIGNATED CITIES -1	-2	-3	MAIN MUNICIPALITY --1	--2	--3	CITY NAME	DESIGNATED INDUSTRIAL DEVELOPMENT	LARGE INDUSTRIAL ESTATES ---	AIRPORT INTER-NATIONAL	LOCAL	MAIN SEA PORT	MAIN INLAND PORT	MAIN INTEREST PLACES	TOTAL
NORTHERN	PHICHIT															
	NAKHON SAWAN		1		1		1	TAKHLI						1		4
	LAMPHUN									1 ■NORTHERN REGION						1
	SUKHOTHAI														1	1
	CHIANG RAI			1		1						1				3
	PHAYAO															
	PHRAE											1				1
	KAM PHAENG PHET															
	PHETCHABUN															
	PHITSANULOK		1			1						1				3
	CHIANG MAI	1			1						1				1	4
	LAMPANG			1		1						1				3
	UTTARADIT					1										1
	UTHAI THANI													1		1
	NAN											1				1
	TAK											1 / 1 MAE SOT				2
	MAE HONG SON											1				1
		1	2	2	2	1	4			1	1	8		2	2	26
NORTH-EASTERN	MAHA SARAKHAM						1									1
	SURIN			1			1									2
	KHON KAEN	1			1		1 / 1	BAN PHAI / MUANG PHON				1				5
	SI SA KET															
	ROI ET			1			1									2
	BURIRAM															
	KALASIN						1									1
	YASOTHON															
	NONG KHAI															
	NAKHON RATCHASIMA	1			1		1	PAK CHONG		1 ○SURANARI / 1 □		1			2 PHI MAI KHAO YAI	8
	UDON THANI		1			1						1				3
	NAKHON PHANOM						1									1
	UBON RATCHATHANI			1	1		1	PHIBUN MANGSAHAN				1				4
	SAKHON NAKHON			1								1				2
	CHAIYAPHUM															
	MUKDAHAN															
	LOEI											1				1
		2	1	4	3	1	9			2		6			2	30

Appendix 7.3   DETAILS OF MAJOR POINTS BY CHANGWAT

REGION	CHANGWAT	DESIGNATED CITIES *1	*2	*3	MAIN MUNICIPALITY **1	**2	**3		DESIGNATED INDUSTRIAL DEVELOPMENT	LARGE INDUSTRIAL ESTATES ***	AIRPORT INTER-NATIONAL		MAIN SEA PORT	MAIN INLAND PORT	MAIN INTEREST PLACES	TOTAL
EASTERN	CHON BURI	1					1	PATTAYA	1 LAEM CHABANG	2 □ SI RACHA / ○ SAHAPATTANA		1 U-TAPAO	2 SIRACHA SATTAHIP		1 PATTAYA	10
	RAYONG			1			1		1 MAP TA PHUT	1 □ EASTERN			1			5
	CHACHOENGSAO			1			1			3 □ BANG PAKONG / □ WELL GROW / □ GATE WAY CITY						5
	NAKHON NAYOK															
	PRACHIN BURI															
	TRAT												1			1
	CHANTHABURI					1										1
WESTERN	SAMUT SONGKHRAM					1							1 MAEKLONG	1		3
	SUPHAN BURI													1		1
	RATCHABURI		1			1				1 □				1		4
	PHETCHABURI				1	1							1 BAN LAEM			3
	PRACHUAP KHIRI KHAN						1	HUA HIN			1		1		1 HUA HIN	4
	KANCHANABURI			1		1								1	1	4
SUB-CENTRAL	ANG THONG													1		1
	SING BURI															
	AYUTTHAYA					1				3 □ HI-TECH / □ BANG PA-IN / ○ RPJANA				1	1	6
	SARABURI			1		1				2 □ SARABURI / □ NONG KAE						4
	CHAI NAT													1		1
	LOP BURI					1										1
BMR	BMA				1					3 ■ LAT KRABANG / ■ BAN CHUN / ○ MINBURI	1		1 BANGKOK	1	1	8
	NONTHABURI				1									1		2
	SAMUT PRAKAN					1				3 ■ BANG BO / ○ THEPARAK(M.THAI) / ■ BANG PLI						4
	SAMUT SAKHON					1				1 □				1		3
	NAKHON PATHOM					1								1		2
	PATHUM THANI									3 ● NAVA NAKHORN / ● BANGKADI / ○ MAH BOONKRONG				1		4
		1	1	5	2	5	11		2	22	1	2	8	12	5	77

Appendix 7.3 DETAILS OF MAJOR POINTS BY CHANGWAT

REGION	CHANGWAT	DESIGNATED CITIES *1	*2	*3	MAIN MUNICIPALITY **1	**2	**3	DESIGNATED INDUSTRIAL DEVELOPMENT	LARGE INDUSTRIAL ESTATES ****	AIRPORT INTERNATIONAL		MAIN SEA PORT		MAIN INLAND PORT	MAIN INTEREST PLACES		TOTAL
	PHUKET		1						1 □	1		1			1		6
	PATTANI			1			1				1	1					4
	SONGKHLA	1				1			1 □			1					
	HAT YAI				1				1 □	1					1	HAT YAI	8
	NAKHON SI THAMMARAT			1		1					1	2	SICHON, PAK PHANANG				5
	PHATTHALUNG						1										1
	NARATHIWAT						1				1	1			1	SUNGAI KOLOK	4
SOUTHERN	TRANG						1				1	1	KHANTANG				3
	SATUN											1					1
	YALA					1											1
	CHUMPHON											1					1
	KRABI							1 KRABI				1					2
	SURAT THANI		1				1	2 KHANOM, BAN NA SAN			1	1	BANDON		1	KO SAMUI	7
	PHANG NGA																
	RANONG											1					1
	TOTAL	1	2	2	1	3	6	3	3	2	5	12			4		44
	GRAND TOTAL	5	6	13	8	10	30	5	28	4	21	20		14	13		177

LEGEND
- *1: Designated cities (1st Priority)
- *2: Designated cities (2nd Priority)
- *3: Designated cities (3rd Priority)
- **1: More Than 100,000 persons (as of 1988)
- **2: More Than 50,000 persons
- **3: More Than 30,000 persons
- ****: ■ IEAT (EXISTING)
  - □ IEAT (ON GOING OR PLANNED)
  - ● PRIVATE (EXISTING)
  - ○ PRIVATE (ON GOING OR PLANNED)