

タイ 国
東北部道路網整備計画調査
報告書

第 2 卷：データ集

昭和58年3月

国際協力事業団



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昭和58年3月

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国際協力事業団	
受入 月日58459.13	2.122
登録No. 614650	73.1
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Appendix 2.1 ANNUAL RAINFALL IN MAIN CHANGWAT
IN THE NORTHEASTERN REGION

(1974 - 1979)

(Unit mm/year)

District	1974	1975	1976	1977	1978	1979	Average
Loei	1335	1261	1058	990	1687	1305	1272
Udon Thani	1525	1753	1452	1043	1793	965	1422
Nong Khai	1299	2119	1484	1150	1815	1177	1507
Sakhon Nakhon	1990	1681	1148	1150	1693	1559	1537
Nakhon Phanom	2171	2784	1997	1652	2738	2092	2239
Khon Kaen	1156	1461	1097	1216	1390	1177	1250
Roi Et	1389	1698	1491	1301	1652	1439	1462
Ubon Ratchathani	1734	1628	1491	1288	1946	1716	1634
Chaiyaphum	811	1447	1206	1029	1579	1007	1180
Nakhon Ratchasima	1312	1041	988	884	759	643	938
Surin	1161	1144	1575	1069	1633	1245	1305

Source: Agricultural Statistics of Thailand,
Ministry of Agriculture & Co-operatives

Appendix 2.2 FARM AND NON-FARM POPULATION

(Unit of population : 1,000)

	1979			1980			1981			Growth Rate		Farm/Total (%)		
	Total	Farm	Non Farm	Total	Farm	Non Farm	Total	Farm	Non Farm	1979 - 81		1979	1980	1981
										Total	Farm			
Whole Country	46114	31358	14756	46961	31900	15061	47875	32500	15375	1.9	1.8	68.0	67.9	67.9
Northeastern	15793	13269	2424	16087	13471	2616	16393	13680	2713	1.9	1.5	84.0	83.7	83.5
Nakhon Phanom	745	617	128	769	637	132	770	643	127	1.7	2.1	82.8	82.8	83.5
Sakhon Nakhon	766	652	114	777	660	117	789	667	122	1.5	1.1	85.1	84.9	84.5
Nong Khai	661	447	214	674	456	218	689	467	222	2.1	2.2	67.8	67.7	67.8
Udon Thani	1429	1137	292	1448	1147	301	1475	1156	319	1.6	0.8	79.6	79.2	78.3
Loei	441	366	75	449	373	76	463	380	83	2.5	1.9	83.0	83.1	82.1
Yasothon	452	394	58	459	398	61	464	401	63	1.3	0.5	87.2	86.7	86.4
Ubon Ratchathani	1531	1317	214	1560	1309	251	1590	1373	217	1.9	2.1	86.0	83.9	86.4
Kalasin	742	672	70	755	682	73	772	695	77	2.0	1.7	90.6	90.3	90.0
Khon Kaen	1329	1098	231	1355	1118	237	1385	1106	279	2.1	0.4	82.6	82.5	79.9
Maha Sarakham	752	678	74	765	689	76	770	691	79	1.2	1.0	90.2	90.1	89.7
Roi Et	1044	948	102	1061	955	106	1075	964	111	1.5	0.8	90.2	90.0	89.7
Buri Ram	1108	850	258	1133	871	262	1160	896	264	2.3	2.7	76.7	76.9	77.2
Si Sa Ket	1066	986	80	1082	1004	78	1103	1019	84	1.7	1.7	92.5	92.8	92.4
Surin	1001	921	80	1036	948	88	1066	970	96	3.2	2.6	92.0	91.5	91.0
Chaiyaphum	839	719	120	858	733	125	871	751	120	1.9	2.2	85.7	85.4	86.2
Nakhon Ratchasima	1886	1473	413	1917	1491	426	1950	1500	450	1.7	0.9	78.1	77.8	76.9

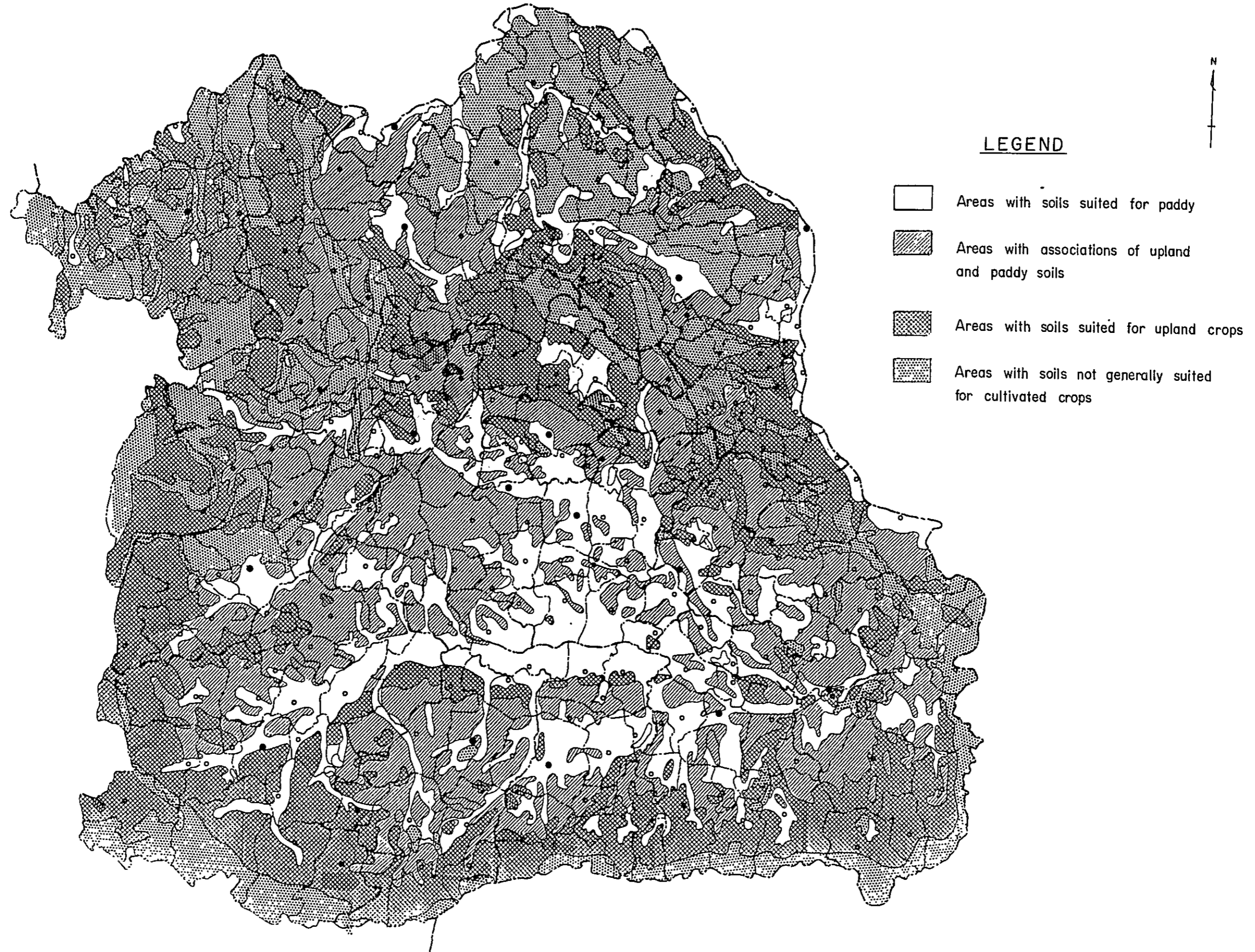
Sources : Office of Agricultural Economics, Ministry of Agriculture & Cooperatives

Appendix 2.3 TREND OF LAND USE CONDITION (1978 - 1980)

(Unit : 1000 Rai)

	Farm Holding			Paddy land			Upland			Tree Crops, Vegetable and Flower Land			Idle, Grass, Housing and Other Land		
	1978	1979	1980	1978	1979	1980	1978	1979	1980	1978	1979	1980	1978	1979	1980
Whole Country	116,441	117,603	118,999	73,270	72,857	73,563	23,759	25,257	25,758	10,773	11,358	11,457	8,639	8,131	8,221
Northeastern	49,148	49,564	50,093	35,402	35,540	35,886	9,257	9,766	9,901	542	532	538	3,948	3,726	3,768
Loei	1,646	1,661	1,693	418	483	492	1,005	1,073	1,094	10	10	14	213	92	93
Udon Thani	4,406	4,513	4,539	3,050	3,165	3,184	785	909	914	35	51	51	536	388	390
Nong Khai	1,775	1,940	2,068	1,179	1,236	1,317	392	467	498	27	27	29	177	210	224
Sakhon Nakhon	2,346	2,429	2,501	1,853	1,872	1,927	161	196	202	34	31	32	298	330	340
Nakhon Phanom	1,622	1,616	1,630	1,259	1,240	1,251	147	163	165	42	36	37	174	177	177
Khon Kaen	4,061	4,110	4,116	2,830	2,890	2,894	1,043	1,041	1,043	32	29	29	156	150	150
Maha Sarakham	3,862	2,363	2,371	1,903	1,914	1,920	334	335	336	25	14	14	100	100	101
Kalasin	1,882	1,886	1,962	1,216	1,299	1,351	467	434	451	28	17	17	171	136	143
Roi Et	3,126	3,108	3,126	2,713	2,770	2,785	182	174	175	25	22	22	206	142	144
Yasothon	1,554	1,556	1,601	1,253	1,222	1,249	177	204	209	10	19	19	114	121	124
Ubon Ratchathani	5,088	4,988	4,948	4,169	3,856	3,825	369	363	360	68	52	51	482	717	712
Chaiyaphum	2,955	2,835	2,782	1,791	1,699	1,668	708	830	814	39	39	38	417	267	262
Nakhon Ratchasima	6,637	6,764	6,910	3,441	3,448	3,522	2,601	2,675	2,732	79	95	97	516	546	559
Buri Ram	3,418	3,514	3,503	2,807	2,934	2,925	417	394	393	27	25	25	167	161	160
Surin	3,208	3,163	3,164	2,908	2,874	2,875	174	172	172	29	28	28	97	89	89
Si Sa Ket	3,062	3,107	3,179	2,612	2,638	2,700	295	336	344	32	35	36	123	98	99

Sources : Office of Agricultural Economics, Ministry of Agriculture and Cooperatives.



Appendix 2.5 SOIL SALINITY DISTRIBUTION (1)

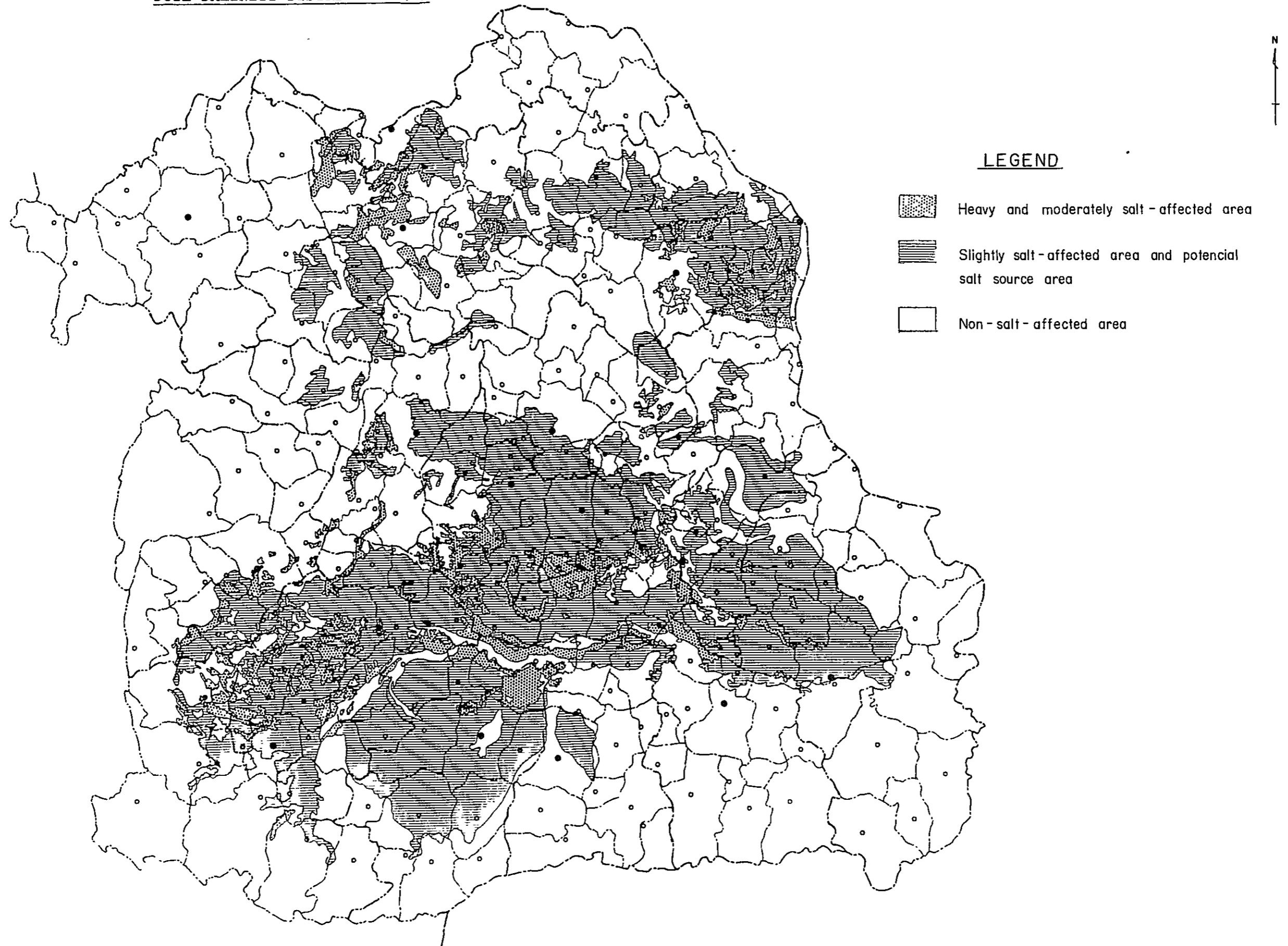
(Unit : 1000 Rai)

Changwat	Cultivated Area		Salinity Affected Area			Ratio (%)				
	Paddy	Upland	Total	Salinity/Paddy		Salinity/Total		Over 8M	1 - 8M	
				Over 8M ^{1/}	1 - 8M	Over 8M	1 - 8M			
(1)	(2)	(3)	(4)	(3)/(1)	(4)/(1)	(3)/(2)	(4)/(2)			
Loei	492	1108	1600	-	-	0	0	0	0	
Udon Thani	3184	965	4149	860	1825	2685	27.0	84.3	20.7	64.7
Nong Khai	1317	527	1844	102	289	391	7.7	29.7	5.5	21.2
Sakhon Nakhon	1927	234	2161	223	2150	2373	11.6	123.1	10.3	109.8
Nakhon Phanom	1251	202	1453	486	2086	2572	38.8	205.6	33.7	177.0
Khon Kaen	2894	1072	3966	92	1641	1733	3.2	59.9	2.3	43.7
Maha Sarakham	1920	350	2270	342	2401	2743	17.8	142.9	15.1	120.8
Kalasin	1351	468	1819	56	1264	1320	4.1	97.7	3.1	72.6
Roi Et	2785	197	3196	670	2930	3600	24.1	129.3	21.0	112.6
Yasothon	1249	328	1577	82	1934	2016	6.6	161.4	5.2	127.8
Ubon Ratchathani	3825	411	4236	85	3139	3224	2.2	84.3	2.0	76.1
Chiyaphum	1668	852	2520	403	879	1282	24.2	76.9	16.0	50.9
Nakhon Ratchasima	3552	2829	6381	1041	5083	6124	29.3	172.4	16.3	96.0
Buri Ram	2925	418	3343	476	3902	4378	16.3	149.7	14.2	131.0
Surin	2700	200	2900	265	698	963	9.8	35.7	9.1	33.2
Si Sa Ket	2875	380	3255	101	261	362	3.5	12.6	3.1	11.1
Region Total	35886	10434	46325	5283	30482	35765	14.7	84.9	11.4	77.2

^{1/} : Millimo/cm

Sources : "Salinity Affected Area" by Land Development Bureau, MAC, 1977

SOIL SALINITY DISTRIBUTION (2)



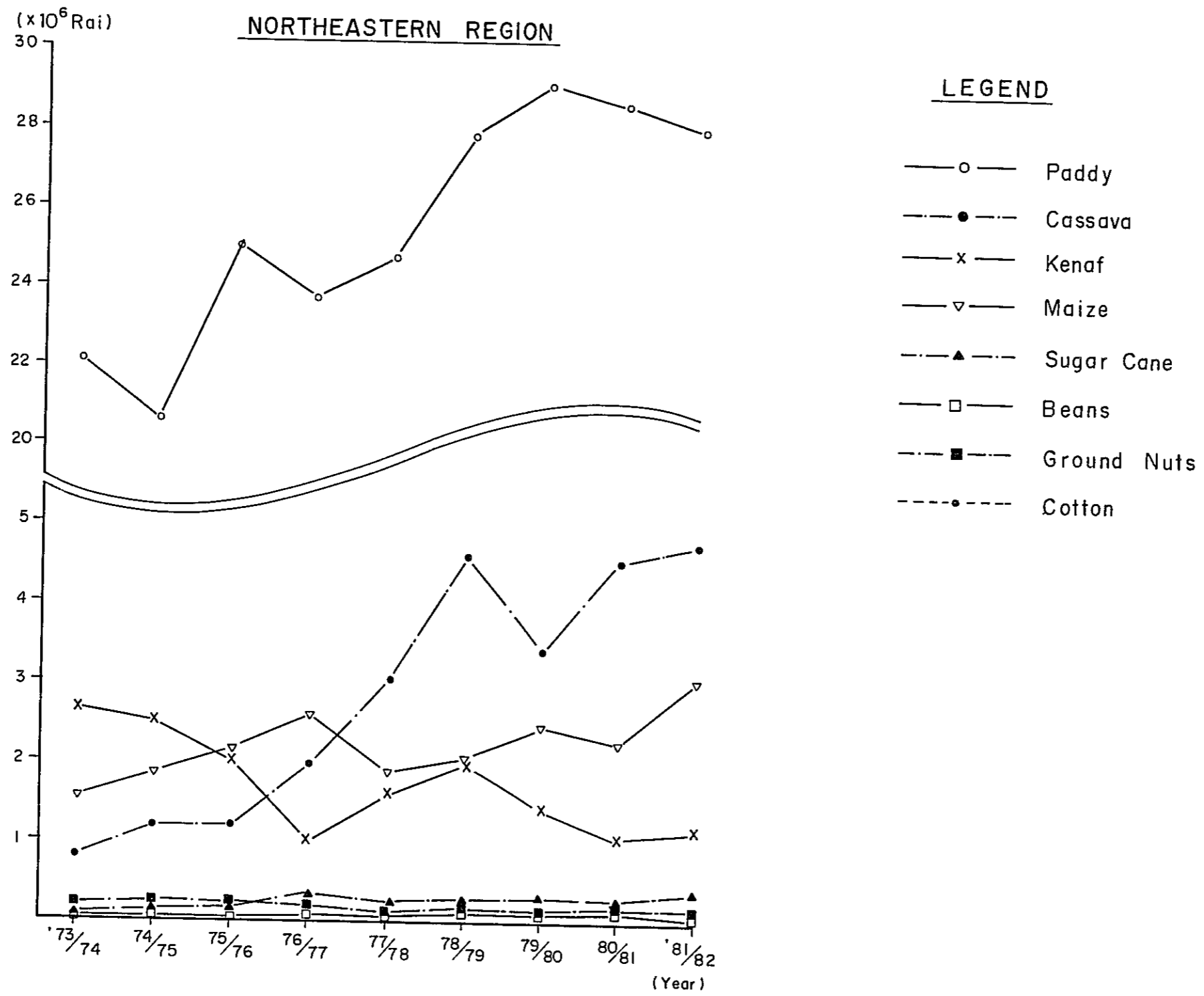
Appendix 2.6 PLANTED AREA OF CROPS

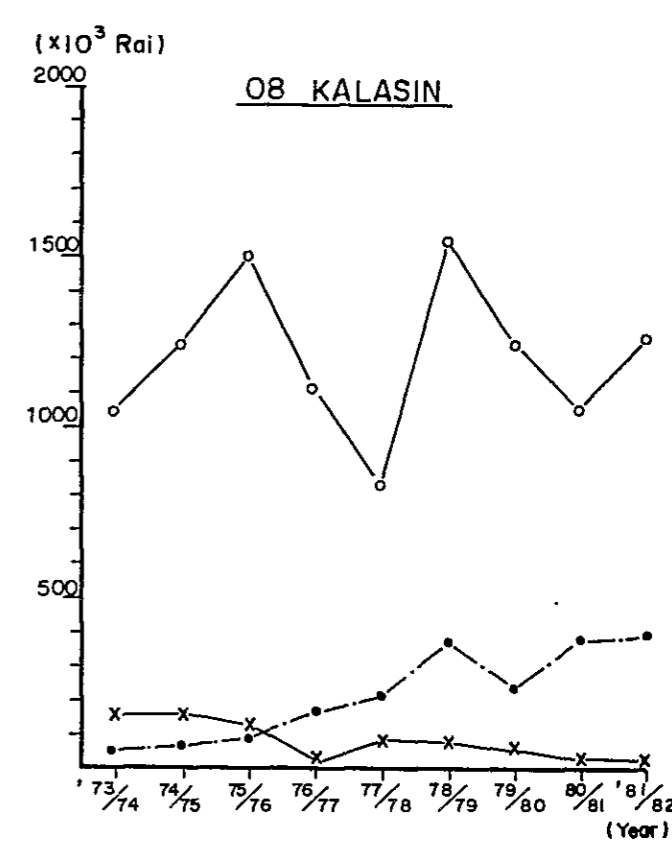
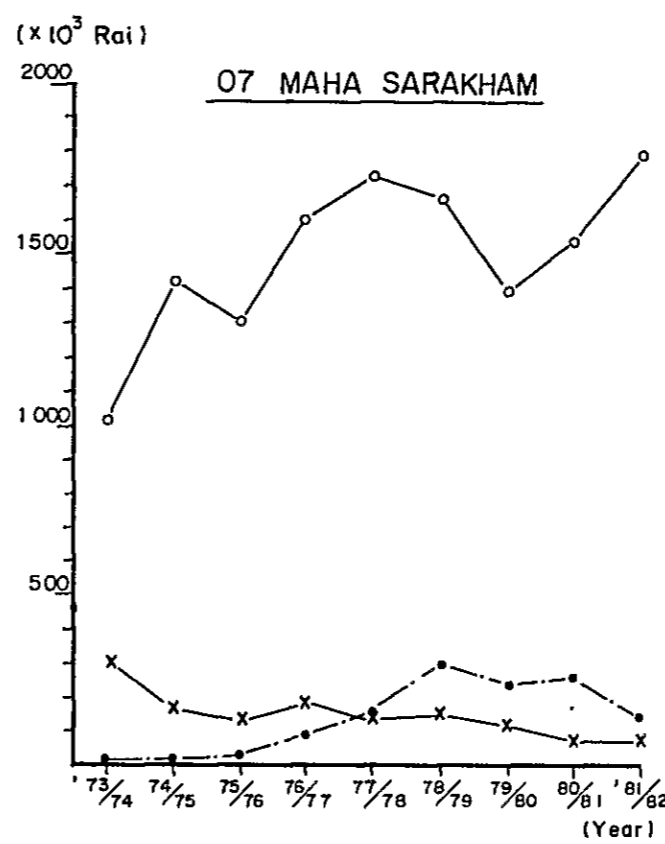
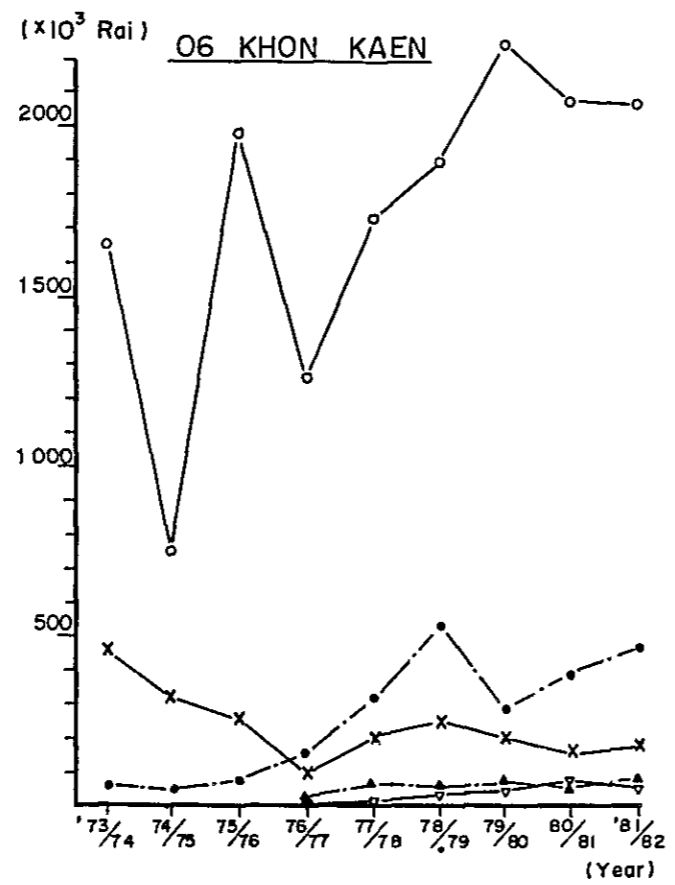
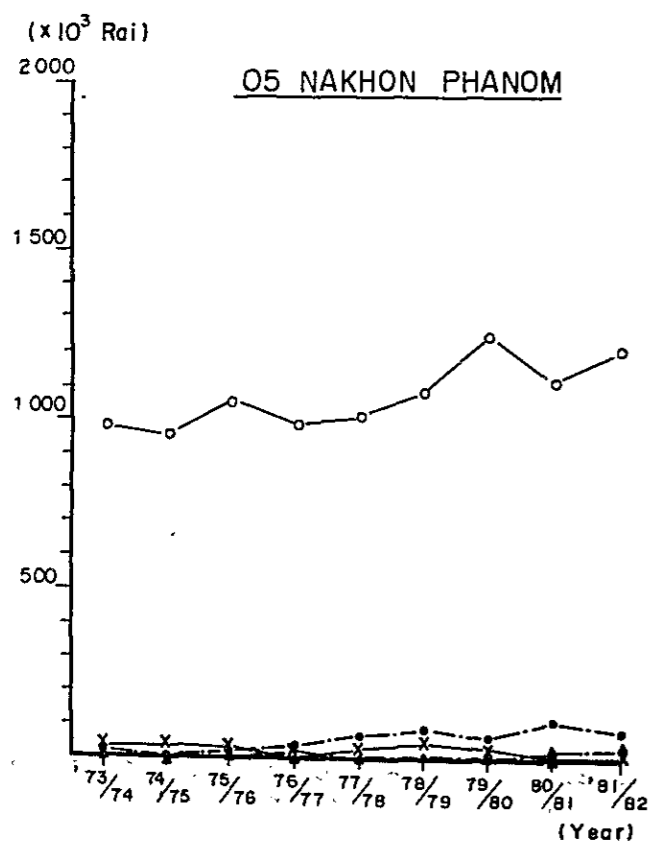
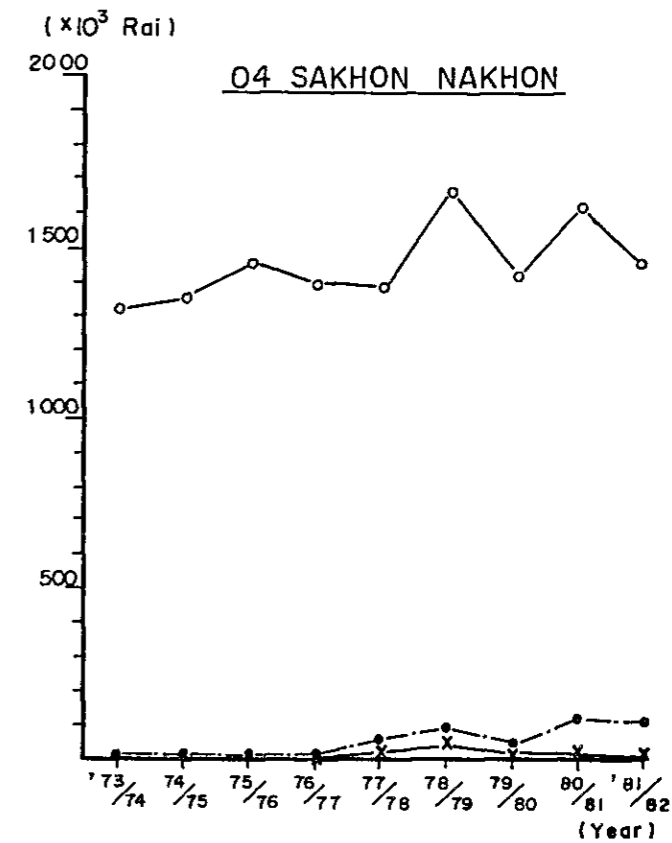
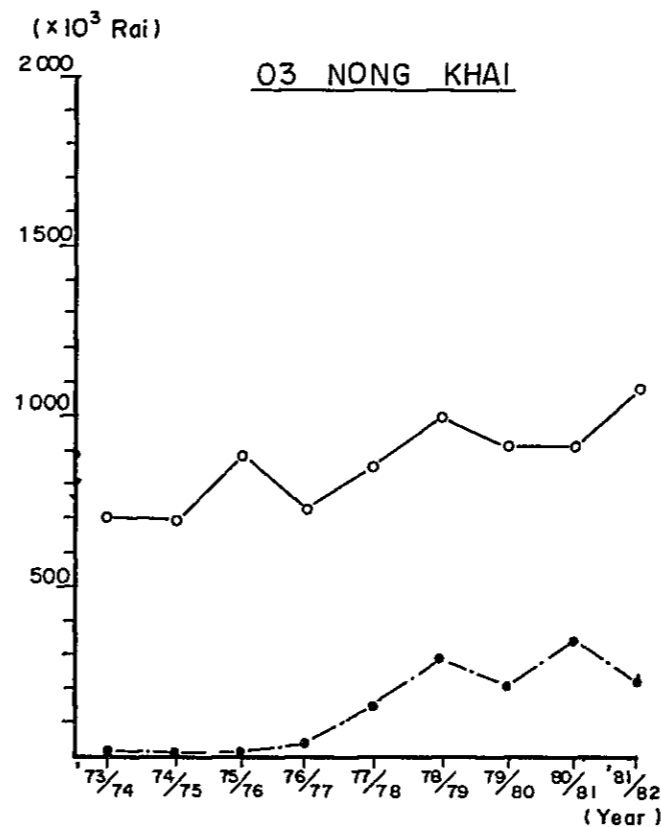
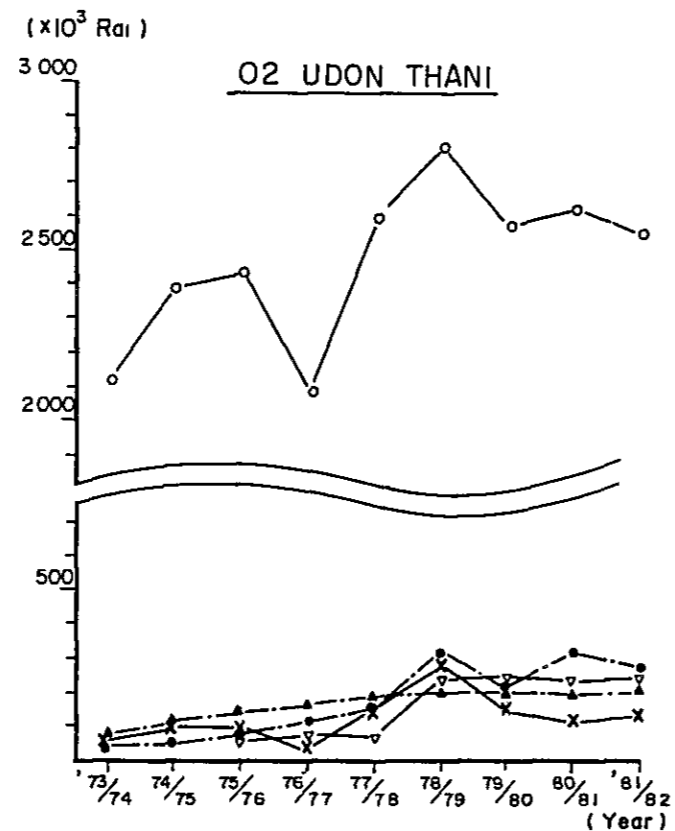
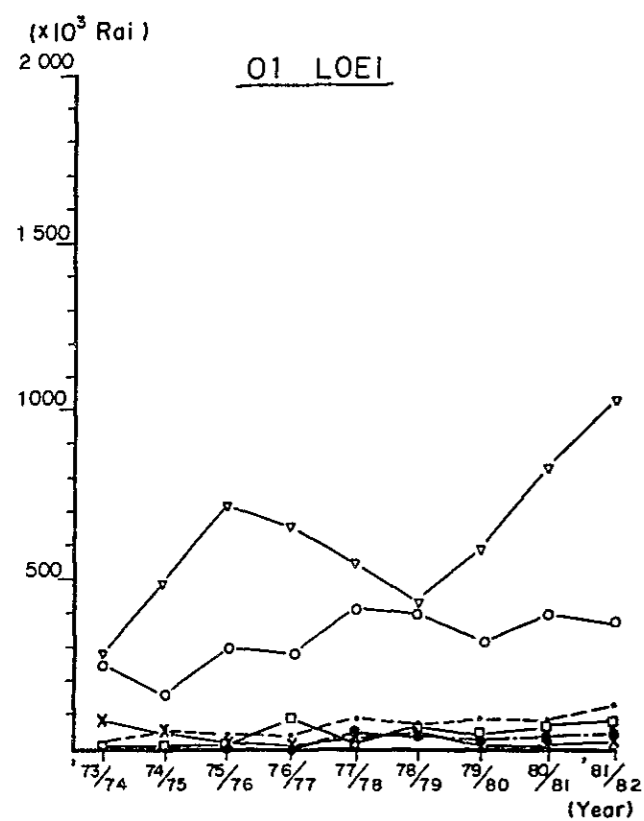
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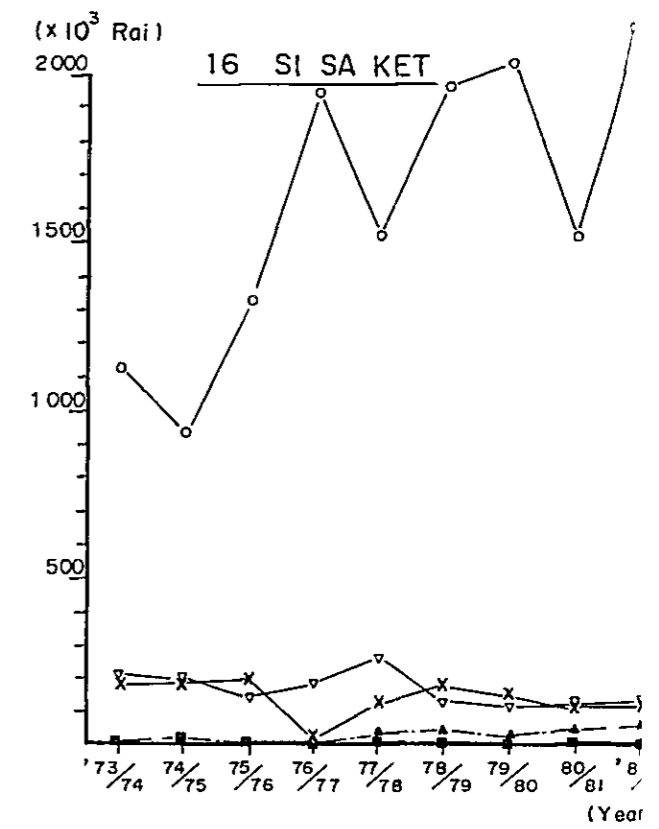
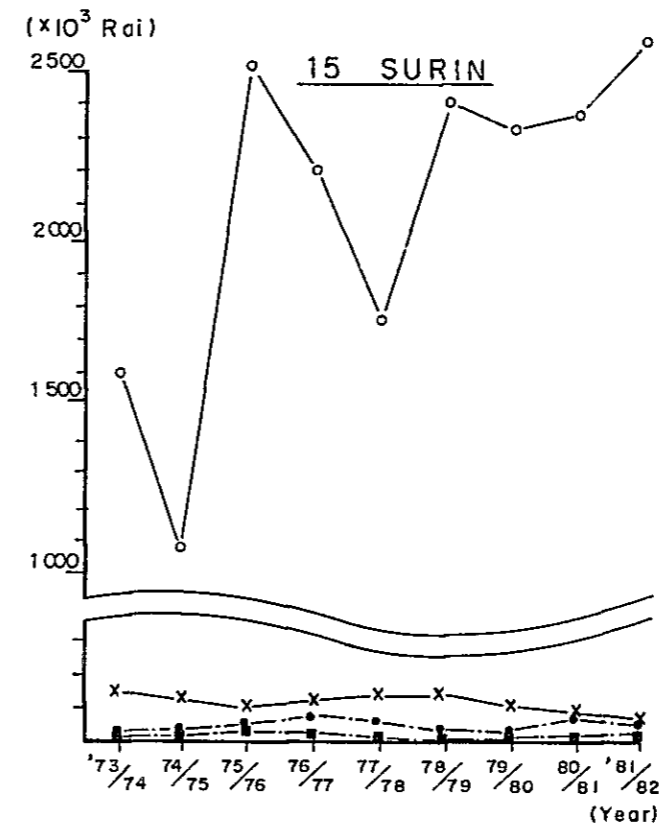
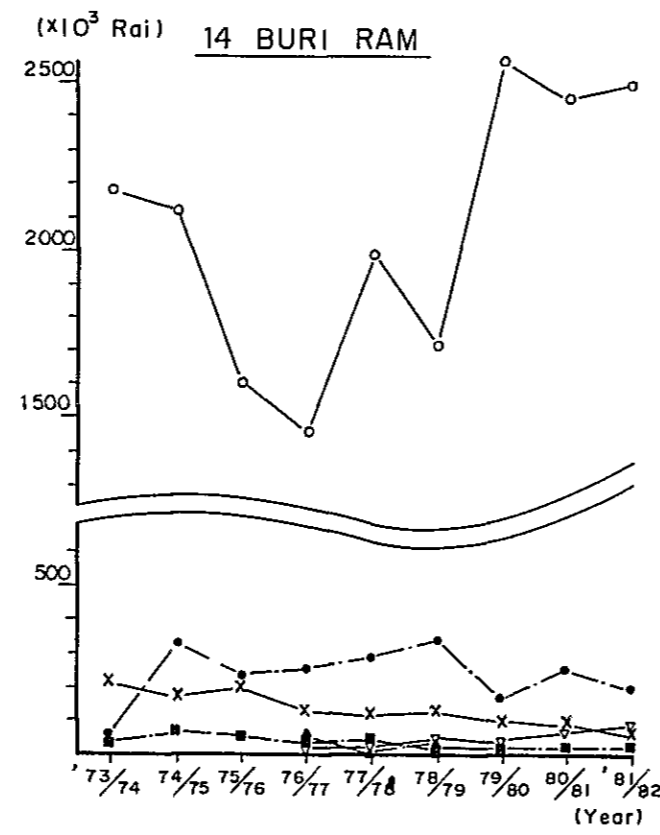
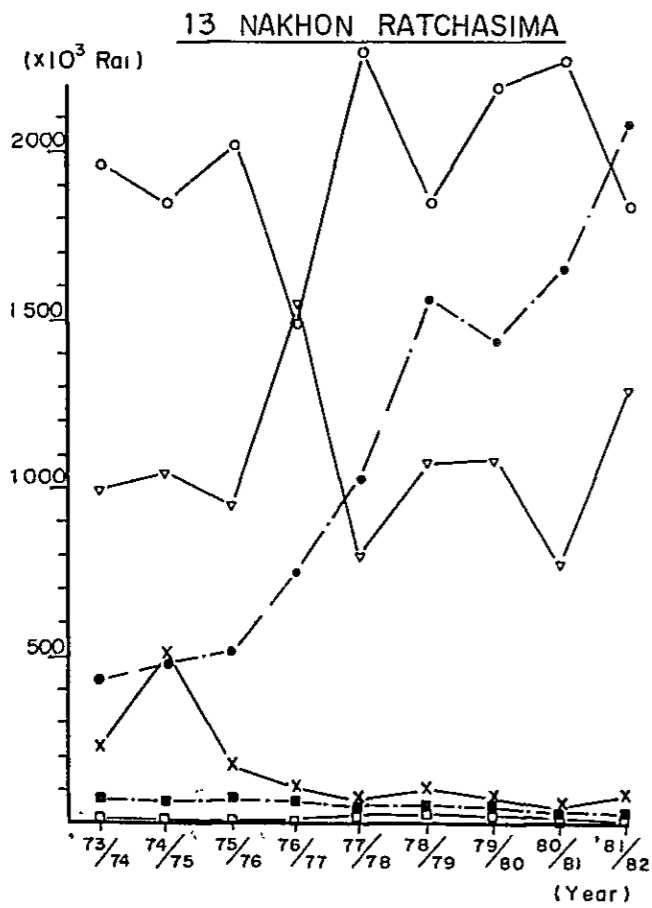
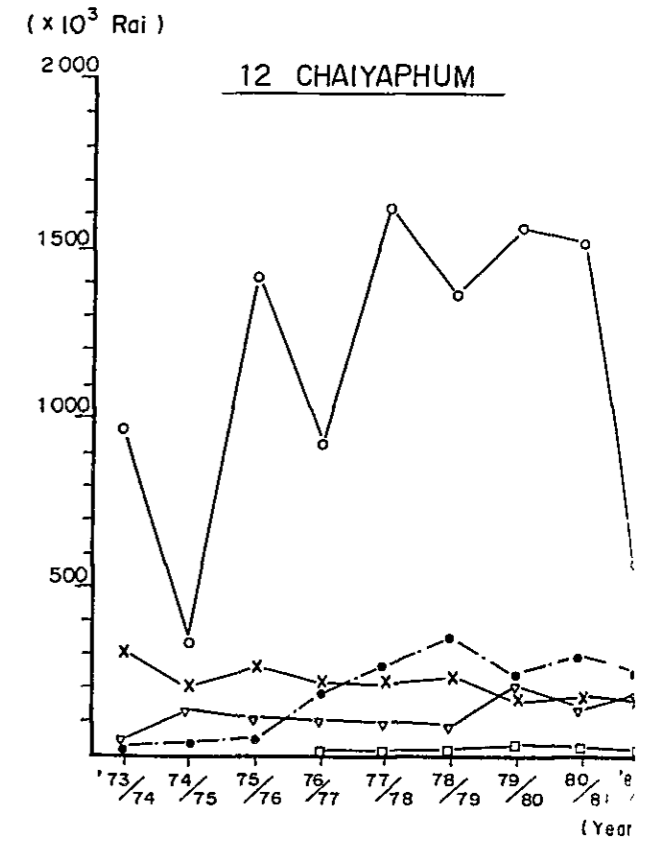
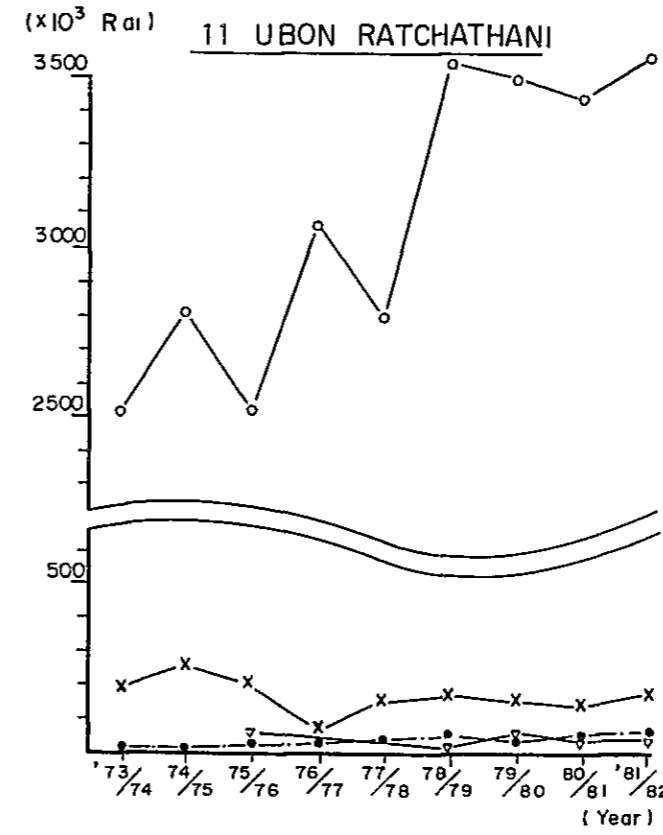
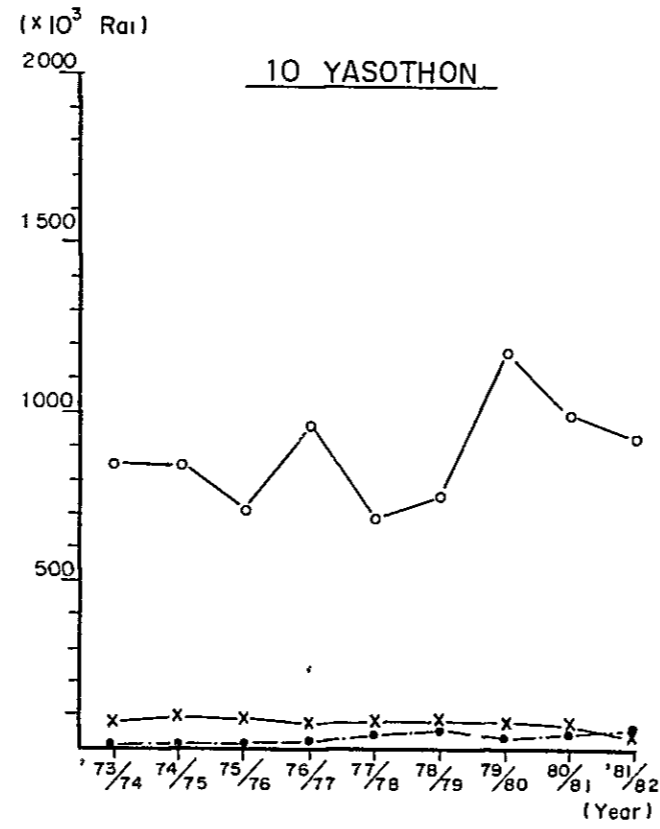
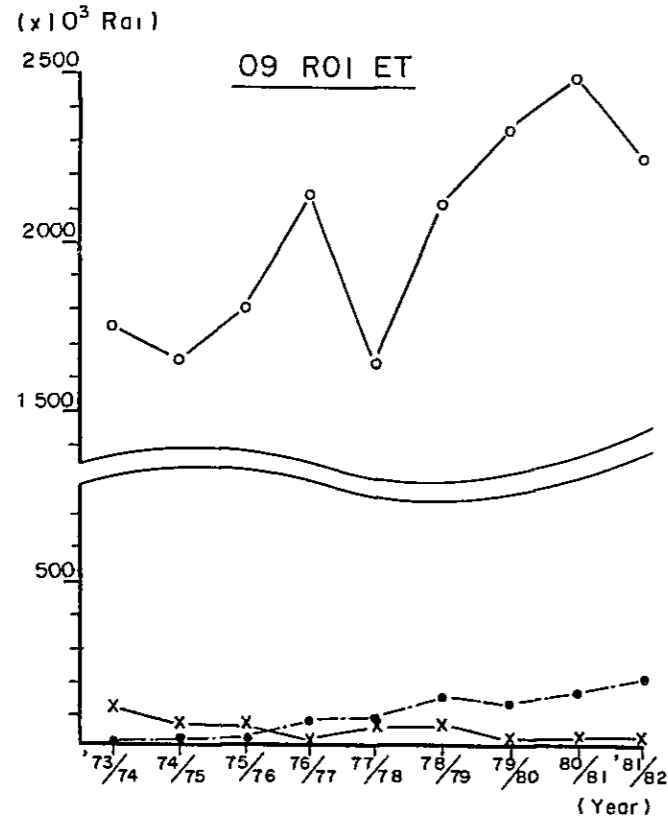
	Paddy		Upland Crops									Total	Ratio of Upland (%)	
	Glutinous Rice (%)	Maize	Mung Beans	Soy Beans	Ground nut	Cassava	Sugar-cane	Kenaf	Cotton	Others	Upland Total			
Loei	265	(100)	1019	35	34	38	35	-	10	129	13	1313	1518	86.5
Udon Thani	2538	(86)	245	2	5	6	260	217	122	6	-	863	3401	25.4
Nong Khai	1083	(92)	-	7	2	5	318	3	21	12	-	351	2889	12.1
Sakhon Nakhon	1459	(92)	-	1	-	5	116	-	8	3	-	133	1592	8.4
Nakhon Phanom	1201	(98)	-	-	-	1	75	22	7	3	-	107	1308	8.2
Khon Kaen	1952	(88)	58	19	1	5	461	65	162	0	-	772	2724	28.3
Maha Sarakham	1790	(79)	-	-	-	1	141	-	71	-	-	213	2003	10.6
Kalasin	1265	(94)	-	-	-	9	388	5	31	-	-	433	1698	25.5
Roi Et	2261	(75)	-	-	-	4	196	-	29	-	-	229	2490	9.2
Yasothon	973	(83)	-	-	-	3	56	-	45	-	-	103	1076	9.4
Ubon Ratchathani	3570	(92)	45	-	-	6	56	-	171	3	-	281	3851	7.3
Chaiyaphum	1517	(48)	180	24	-	8	255	-	163	2	20	652	2169	30.1
Nakhon Ratchasima	1880	(19)	1298	16	3	32	2084	-	33	71	47	3584	5464	65.6
Buri Ram	2495	(25)	76	-	2	29	183	21	63	-	-	374	2869	13.0
Surin	2561	(1)	-	1	-	14	53	-	66	-	-	134	2659	5.0
Si Sa Ket	2144	(38)	122	2	-	6	62	-	126	-	-	319	2463	13.0
Region Total	28001	(71)	3044	107	47	173	4738	387	1166	205	67	9934	37935	26.2

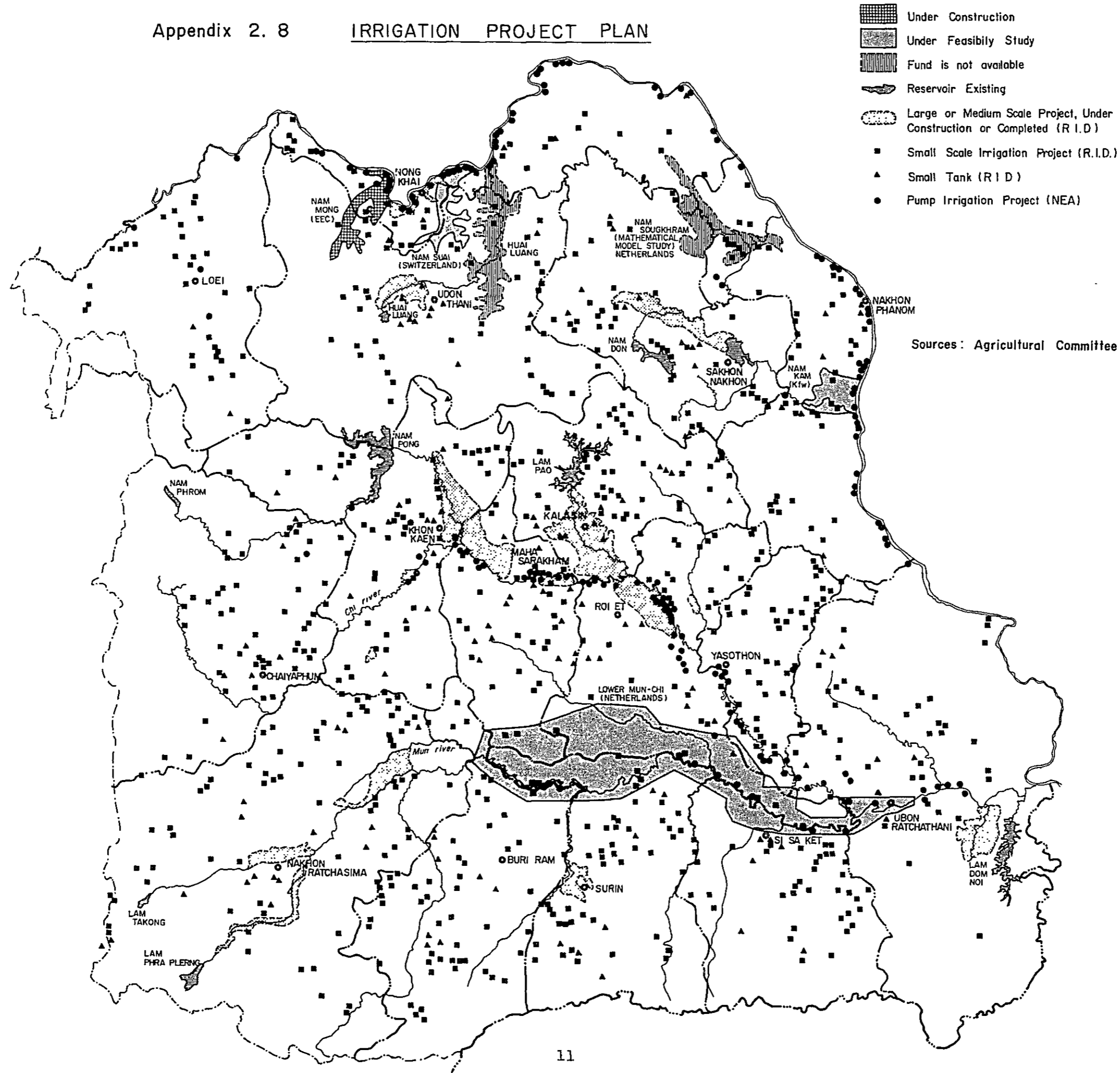
Sources : Office of Agricultural Economics, Ministry of Agriculture and Cooperatives

Appendix 2.7 TREND OF PLANTED AREA









Sources: Agricultural Committee of Mekong Secretariat, ESCAP

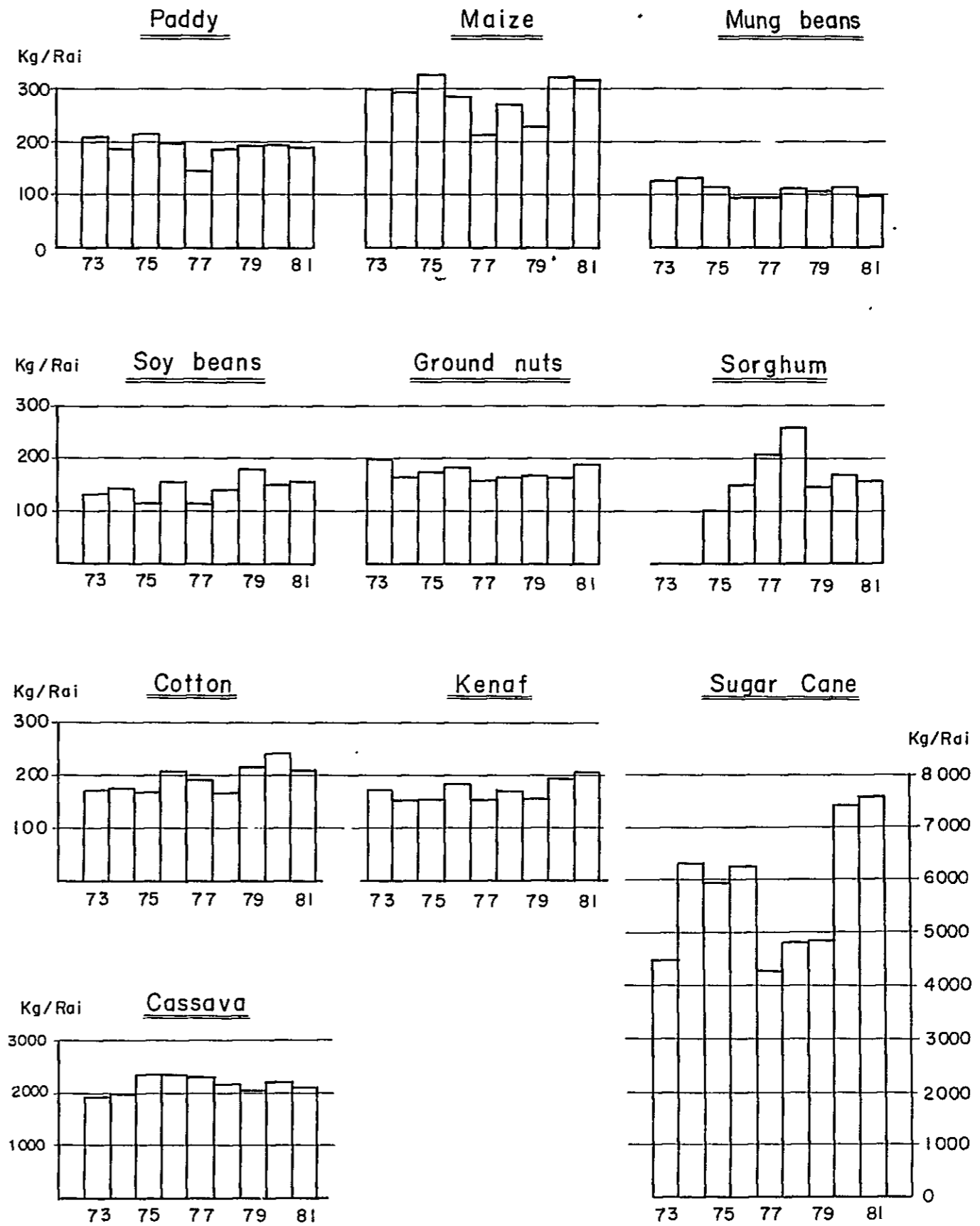
Appendix 2.9 PLANTED AREA AND PRODUCTION OF MAJOR CROPS

	(1)			(2)			(3)			Annual Extend Ratio				Index of Yield of N-E Region	
	Average of 1973/74 - 1975/76			Average of 1976/77 - 1978/79			Average of 1979/80 - 1981/82			Planted Area		Production		National Average=100	
	Planted Area 1000 Rai	Production 1000 ton	Average Yield Kg/Rai	Planted Area 1000 Rai	Production 1000 ton	Average Yield Kg/Rai	Planted Area 1000 Rai	Production 1000 ton	Average Yield Kg/Rai	(2)/(1) %	(3)/(1) %	(2)/(1) %	(3)/(1) %	1983/74 - 75/76 Ave.	1979/80 - 81/82 Ave.
Rice	22588	4568	202	25434	4490	177	28551	5514	193	3.0	3.4	-0.4	2.7	76	72
Maize	1851	571	308	2165	565	261	2583	792	302	4.0	4.9	-0.3	4.8	92	93
Mung beans	24	3.2	135	54	5.5	101	90	9.5	106	22.5	20.7	14.5	16.8	102	113
Soy beans	13	1.7	131	41	5.8	141	37	5.8	157	33.3	16.1	35.9	19.2	93	108
Ground nuts	232	31.3	135	148	25.3	171	150	26.1	174	-5.2	-6.0	-5.2	-2.6	70	92
Cassava	1070	2256	2108	3197	6934	2168	4223	9002	2132	31.5	21.7	32.4	21.9	96	96
Sugar Cane	135	773	5726	293	1515	5170	327	2197	6719	21.4	13.5	18.3	16.1	72	102
Kenaf	2378	379	159	1519	252	167	1207	207	171	-10.6	-9.2	-9.7	-8.3	99	99
Cotton	76	12.9	170	114	20.9	183	192	42.3	220	10.7	14.1	12.8	18.5	104	115
Sorghum	10	1.3	136	17	3.8	221	39	6.1	156	14.2	21.4	30.8	24.7	64	98

Sources : Office of Agricultural Economics, Ministry of Agriculture & Cooperatives

Appendix 2.10 TREND OF AVERAGE YIELD

NORTHEASTERN REGION



Appendix 2.11 AGRO-INDUSTRY (1)
(LOCATION & NUMBER)

<u>Changwat</u>		<u>Amphoe</u>		<u>Rice Mill^{1/}</u>		<u>Cassava</u>			<u>Kenaf</u>		<u>Sugar Cane</u>		<u>Cotton</u>	<u>Silk</u>	
<u>Code</u>	<u>Name</u>	<u>Code</u>	<u>Name</u>	<u>Big</u>	<u>Medium</u>	<u>Pellet</u>	<u>Chip</u>	<u>Flour</u>	<u>Baling</u>	<u>Textile</u>	<u>Brown</u>	<u>Refinery</u>			
0100	Loei	0101	Muang	-	1	-	-	-	-	-	-	-	8	-	
		0102	Tha Li	-	1	-	-	-	-	-	-	-	-	-	
		0103	Chiang Khan	-	-	-	-	-	-	-	-	-	-	3	0
		0104	Pak Chom	-	-	-	-	-	-	-	-	-	-	1	-
		0109	Wang Saphung	-	-	-	-	-	-	-	-	-	-	1	-
	Total			(-)	(2)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(13)	(-)	
0200	Udon Thani	0201	Muang	1	5	9	13	-	7	1	1	-	2	-	
		0210	Na Klang	-	-	-	1	-	-	-	-	-	-	-	-
		0212	Nong Bua Lam Phu	1	-	-	1	-	-	-	-	-	-	-	-
		0216	Kumphawapi	2	-	-	2	-	2	-	2	1	-	-	-
		0217	Nong Han	-	-	-	-	-	-	-	-	1	-	-	-
	Total			(4)	(5)	(9)	(17)	(-)	(9)	(1)	(3)	(2)	(2)	(-)	
0300	Nong Khai	0301	Muang	-	1	4	-	-	-	-	-	-	2	-	
		0304	Tha Bo	-	2	2	-	-	-	-	-	-	-	-	-
		0305	Phon Phisai	-	1	-	2	-	-	-	-	-	-	-	-
		0308	Bung Kan	-	1	-	2	-	-	-	-	-	-	-	-
	Total			(-)	(5)	(6)	(4)	(-)	(-)	(-)	(-)	(-)	(2)	(-)	
0400	Sakhon Nakhon	0401	Muang	1	1	1	-	-	-	-	-	-	-	-	
		0404	Sawang Daen Din	-	2	-	-	-	-	-	-	-	-	-	-
		0405	Wanon Niwat	-	1	-	-	-	-	-	-	-	-	-	-
		0409	Phang Khon	-	1	-	-	-	1	-	-	-	-	-	-
	Total			(1)	(5)	(1)	(-)	(-)	(1)	(-)	(-)	(-)	(-)	(-)	
0500	Nakhon Phanom	0501	Muang	-	-	1	-	-	-	-	-	-	-	-	
		0503	Si Songkhram	-	-	-	-	-	-	-	1	-	-	-	-
		0509	That Phanom	-	1	-	-	-	1	-	-	-	-	-	-
		0512	Mukdahan	1	2	1	-	-	3	-	-	-	-	-	-
		0514	Nikhom Kham Soi	-	-	-	-	-	-	-	-	1	-	-	-
	Total			(1)	(3)	(2)	(-)	(-)	(4)	(-)	(1)	(1)	(-)	(-)	

Note: 1/ Big; 80 ton/day -
Medium; 30 - 80 ton/day

Source: Industrial Factory of Northeastern Region 1978, Industrial Economic Division, Ministry of Industry

Appendix 2.11 AGRO-INDUSTRY (2)
(LOCATION & NUMBER)

Changwat		Amphoe		Rice Mill ^{1/}		Cassava			Kenaf		Sugar Cane		Cotton	Silk	
Code	Name	Code	Name	Big	Medium	Pellet	Chip	Flour	Baling	Textile	Brown	Refinery			
0600	Khon Kaen	0601	Muang	2	6	15	16	1	17	1	-	-	1	-	
		0602	Chumphae	-	5	1	2	-	1	-	-	-	-	-	-
		0604	Phu Wiang	-	-	-	1	-	-	-	-	-	-	-	-
		0605	Nong Rua	-	-	-	5	-	-	-	-	-	-	-	-
		0607	Ubolratana	-	-	-	1	-	-	-	-	-	-	-	-
		0609	Nam Phong	-	1	2	11	-	-	-	Paper pulp 1	-	1	-	-
		0610	Kranuan	-	-	2	2	-	-	-	-	-	-	-	-
		0612	Mancha Khiri	-	-	-	1	-	-	-	-	-	-	-	-
		0613	Ban Phai	-	3	8	5	-	4	-	-	-	-	-	-
		0617	Phon	-	-	4	-	-	-	-	-	-	-	-	-
		0618	Nong Song Hong	-	1	1	6	-	-	-	-	-	-	-	-
	Total			(2)	(16)	(33)	(50)	(1)	(22)	(2)	(-)	(1)	(1)	(-)	
0700	Maha Sarakham	0701	Muang	1	-	1	1	-	-	-	-	-	-	-	
		0702	Chiang Yun	-	1	-	5	-	-	-	-	-	-	-	-
		0703	Kosum Phisai	-	1	-	4	-	-	-	-	-	-	-	-
		0704	Kantharawichai	-	-	1	3	-	-	-	-	-	-	-	-
		0705	Borabu	-	-	-	9	-	-	-	-	-	-	-	-
		0707	Na Chuak	-	-	1	-	-	-	-	-	-	-	-	-
		0710	Phayakkhaphum Pisai	1	-	-	-	-	-	-	-	-	-	-	-
	Total			(2)	(2)	(3)	(22)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	
0800	Kalasin	0801	Muang	-	4	1	2	2	-	-	-	-	-	-	
		0806	Somdet	-	-	1	1	-	-	-	-	-	-	-	-
		0811	Yang Talat	-	-	-	3	-	-	-	-	-	-	-	-
	Total			(-)	(4)	(2)	(6)	(2)	(-)	(-)	(-)	(-)	(-)	(-)	
0900	Roi Et	0901	Muang	-	3	5	3	-	3	-	-	-	-	-	
		0902	Pho Chai	-	-	-	1	-	-	-	-	-	-	-	
		0903	Phon Thong	-	-	2	-	-	-	-	-	-	-	-	
		0906	Thawatchaburi	-	1	-	-	-	-	-	-	-	-	-	
		0907	Selaphum	-	-	-	-	-	1	-	-	-	-	-	
		0911	Pathum Rat	-	3	-	-	-	-	-	-	-	-	-	-
	Total			(-)	(7)	(7)	(4)	(-)	(4)	(-)	(-)	(-)	(-)	(-)	

Note: ^{1/} Big; 80 ton/day -
Medium; 30 - 80 ton/day

Source: Industrial Factory of Northeastern Region 1978, Industrial Economic Division, Ministry of Industry

Appendix 2.11 AGRO-INDUSTRY (3)
(LOCATION & NUMBER)

<u>Changwat</u>		<u>Amphoe</u>		<u>Rice Mill^{1/}</u>		<u>Cassava</u>			<u>Kenaf</u>		<u>Sugar Cane</u>		<u>Cotton</u>	<u>Silk</u>
<u>Code</u>	<u>Name</u>	<u>Code</u>	<u>Name</u>	<u>Big</u>	<u>Medium</u>	<u>Pellet</u>	<u>Chip</u>	<u>Flour</u>	<u>Baling</u>	<u>Textile</u>	<u>Brown</u>	<u>Refinery</u>		
1000	Yasothon	1001	Muang	-	3	2	1	-	-	-	-	-	-	-
		1006	Kham Khuan Kaeo	-	-	-	-	-	1	-	-	-	-	-
	Total		(-)	(3)	(2)	(1)	(-)	(1)	(-)	(-)	(-)	(-)	(-)	
1100	Ubon Ratchathani	1101	Muang	-	5	-	-	-	11	1	-	-	1	-
		1105	Amnat Charoen	-	2	2	-	-	-	-	-	-	-	-
		1111	Trakan Phutphon	-	1	-	-	-	-	-	-	-	-	-
		1115	Warin Chamrap	1	2	1	-	-	8	-	-	-	-	-
		1116	Pibun Mungsahan	-	1	-	-	-	-	-	-	-	-	-
		1117	Det Udom	-	3	-	-	-	-	-	-	-	-	-
		1118	Nam Yun	-	2	-	-	-	-	-	-	-	-	-
		Total		(1)	(16)	(3)	(-)	(-)	(19)	(1)	(-)	(-)	(1)	(-)
1200	Chaiyaphum	1201	Muang	-	5	1	1	-	1	-	-	-	-	-
		1204	Phu Khieo	-	3	1	-	-	-	-	-	-	-	-
		1211	Thep Satit	-	-	2	-	-	-	-	-	-	-	-
		1213	Chatturat	-	1	1	1	-	1	-	-	-	1	-
		Total		(-)	(9)	(5)	(2)	(-)	(2)	(-)	(-)	(-)	(1)	(-)
1300	Nakhon Ratchasima	1301	Muang	-	5	24	40	6	11	1	-	-	-	2
		1302	Bua Yai	-	3	30	11	-	-	-	-	-	-	-
		1304	Khong	-	-	4	3	-	-	-	-	-	-	-
		1306	Non Sung	-	-	-	2	-	-	-	-	-	-	-
		1307	Phimai	-	-	4	70	1	-	-	-	-	-	-
		1308	Prathai	-	-	5	1	-	-	-	-	-	-	-
		1309	Chum Phuang	-	-	34	-	-	-	-	-	-	-	-
		1310	Huai Thalaeng	-	-	8	-	-	1	-	-	-	-	-
		1311	Chakkaraj	-	-	-	2	-	1	-	-	-	-	-
		1312	Dan Khun Thot	-	-	1	6	-	-	-	-	-	-	-
		1313	Non Thai	-	-	1	-	-	-	-	-	-	-	-
		1314	Kham Thalaeng So	-	-	27	-	-	-	-	-	-	-	-
		1315	Sung Noen	-	-	-	4	-	-	-	1	-	-	-

Note: 1/ Big; 80 ton/day -
Medium; 30 - 80 ton/day

Source: Industrial Factory of Northeastern Region 1978, Industrial Economic Division, Ministry of Industry

Appendix 2.11 AGRO-INDUSTRY (4)
(LOCATION & NUMBER)

Changwat		Amphoe		Rice Mill ^{1/}		Cassava			Kenaf		Sugar Cane		Cotton	Silk
Code	Name	Code	Name	Big	Medium	Pellet	Chip	Flour	Baling	Textile	Brown	Refinery		
		1316	Sikhiu	-	-	3	13	3	-	1	-	-	-	-
		1317	Pak Chong	-	-	4	7	-	-	1	-	-	2	-
		1318	Pak Thong Chai	-	-	13	31	-	-	-	1	-	-	4
		1319	Chok Chai	-	-	14	-	-	-	-	-	-	-	-
		1320	Khon Buri	-	-	3	-	-	-	-	-	-	-	-
	Total			(-)	(8)	(177)	(190)	(10)	(13)	(4)	(1)	(-)	(2)	(6)
1400	Buri Ram	1401	Muang	1	12	2	3	-	1	-	1	-	-	-
		1402	Phutthaisong	-	-	-	1	-	-	-	-	-	-	-
		1403	Khu Muang	-	-	-	1	-	-	-	1	1	-	-
		1404	Satuk	-	-	-	-	-	-	-	1	-	-	-
		1405	Krasang	-	2	-	-	-	-	-	-	-	-	-
		1406	Lam Plai Mat	-	2	-	-	-	-	-	-	-	-	-
		1408	Nang Rong	-	2	-	-	-	-	-	-	-	-	-
		1411	Prakhon Chai	-	1	-	-	-	-	-	-	-	-	-
	Total			(1)	(19)	(2)	(5)	(-)	(1)	(-)	(3)	(1)	(-)	(-)
1500	Surin	1501	Muang	-	10	1	-	-	5	-	-	-	-	-
		1507	Samrong Thap	-	-	-	-	1	1	-	-	-	-	-
		1508	Sikhoraphum	-	2	-	-	-	-	-	-	-	-	-
		1511	Prasat	-	1	-	-	-	-	-	-	-	-	-
	Total			(-)	(13)	(1)	(-)	(1)	(6)	(-)	(-)	(-)	(-)	(-)
1600	Si Sa Ket	1601	Muang	1	2	-	-	-	4	-	-	-	-	-
		1605	Uthumpon Phisai	-	-	-	-	-	1	-	-	-	-	-
	Total			(1)	(2)	(-)	(-)	(-)	(5)	(-)	(-)	(-)	(-)	(-)
	TOTAL			(13)	(119)	(253)	(301)	(14)	(87)	(8)	(8)	(5)	(22)	(6)

Note: ^{1/} Big; 80 ton/day -
Medium; 30 - 80 ton/day

Source: Industrial Factory of Northeastern Region 1978, Industrial Economic Division, Ministry of Industry

Appendix 2.12 COMMODITY FLOW OF MAIN AGRICULTURAL PRODUCTS (1)

(1,000 t)

Node Pair (Amphoe Code No.)		Commodity Flow of Main Agricultural Products							
Destination	Origin	Rice	Maize	Beans	Ground Nuts	Sugar Cane	^{L1} Cassava	Kenaf	Total
0201	0109							5	5
	0202		16			1			17
	0203		5					1	6
	0204					5	54		59
	0205	3	1			15	27		46
	0206					1			1
	0208					10	81	1	92
	0209						2		2
	0210						78	4	82
	0211						30		30
	0212						10	2	12
	0214						108		108
	0216						70		70
	0217	20					52	4	76
	0218		1				16		17
	0304							1	1
	0305		2					4	6
	0306		1						1
	0402		1						1
	0407						29		29
0212	0213	18							18
	0214	4							4
0216	0201					10			10
	0204					23			23
	0214					10			10
	0215	5				96	40		141

^{L1} : Figures with ○ mark are Cassava chips, others are Cassava roots.

(1,000 t)

Node Pair (Amphoe Code No.)		Commodity Flow of Main Agricultural Products							
Destination	Origin	Rice	Maize	Beans	Ground Nuts	Sugar Cane	Cassava	Kenaf	Total
0216	0217					90			90
	0218					10			10
	0219	3				190	17	1	211
	0220					10	41	1	52
	0608	4							4
	0609					13			13
	0610					13			13
	0802					26	15		41
0217	0201					16			16
	0204					30			30
	0205					35			35
	0208					50			50
	0209					2			2
	0210					20			20
	0212					1			1
	0213					1			1
	0214					8			8
	0215					25			25
	0216					35			35
	0218					36			36
	0219					30			30
	0301					3			3
	0304					2			2
	0305					10			10
	0401					1			1
	0402					4			4
	0404					6			6
	0407					3			3
	0408					13			13
	0409					1			1
	0410					1			1
	0411					8			8

COMMODITY FLOW OF MAIN AGRICULTURAL PRODUCTS (2)

(1,000 t)

Node Pair (Amphoe Code No.)		Commodity Flow of Main Agricultural Products							
Destination	Origin	Rice	Maize	Beans	Ground Nuts	Sugar Cane	⌒ ¹ Cassava	Kenaf	Total
0301	0206	21					10		31
	0207	15							15
	0305	15			1		(53)		69
0401	0402						25		25
	0404						9		9
	0405						2		2
	0406	8					13		21
	0408						98		98
	0410						23		23
	0411						5		5
	0412	8							8
	0413	1					52		53
	0414	1					5		6
	0503	2							2
	0504	3							3
	0808	3							3
0404	0208	8							8
	0209	5							5
	0218	1							1
	0402	9							9
	0407	1							1
0409	0404							1	1
0501	0502						11		11
	0503						15		15
	0505	4					31		35
	0506						4		4

⌒¹ : Figure with ○ mark is Cassava chips, others are Cassava roots.

(1,000 t)

Node Pair (Amphoe Code No.)		Commodity Flow of Main Agricultural Products								
Destination	Origin	Rice	Maize	Beans	Ground Nuts	Sugar Cane	⌒ ¹ Cassava	Kenaf	Total	
0509	0401							1	1	
	0506	4							4	
	0507	5							5	
	0808							2	2	
	0809							4	4	
0512	0508						3		3	
	0509						7		7	
	0510						2		2	
	0511						9		9	
	0513	2							2	
	0514						2		2	
	0515	1					11		12	
	1102	2					20	1	23	
	0514	0505					26			26
		0501					7			7
0508						2			2	
0506						4			4	
0509										
0512						71			71	
0511						7			7	
0515					8			8		
0601	0602			1				10	11	
	0603			1			285		286	
	0604						(34)		34	
	0605						(9)		9	
	0606	10					18	2	30	
	0611	5					14	1	20	
	0613							12	12	
	0701							2	2	
	0702	4					(24)		28	
	0703						(29)		29	
	0704		1						1	
	0705							2	2	
	1202				1				1	

⌒¹ : Figures with ○ mark are Cassava chips, others are Cassava roots.

COMMODITY FLOW OF MAIN AGRICULTURAL PRODUCTS (3)

(1,000 t)

Node Pair (Amphoe Code No.)		Commodity Flow of Main Agricultural Products							
Destination	Origin	Rice	Maize	Beans	Ground Nuts	Sugar Cane	Cassava	Kenaf ¹	Total
0609	0101					2			2
	0105					4			4
	0109					4			4
	0110					26			26
	0201					12			12
	0203					1			1
	0204					17			17
	0205					46			46
	0208					35			35
	0210					6		*50	56
	0211							* 5	5
	0213						22	* 2	24
	0214					5			5
	0215					72			72
	0216					65			65
	0217					20			20
	0219					67			67
	0220					3			3
	0601					19			19
	0602					30			30
	0604					4		*15	19
	0605					5		* 5	10
	0606					39			39
	0607	1				25	34	* 7	67
	0608					48	16	* 2	66
	0610	9				142		* 2	153
	0611					5			5
	0612					3			3
	0613					8			8
	0619					1			1
	0702					12			12
	0703					12			12
	0704					4		* 4	8

¹ : Figures with * mark are Dried kenaf, others are Fiber kenaf.

(1,000 t)

Node Pair (Amphoe Code No.)		Commodity Flow of Main Agricultural Products							
Destination	Origin	Rice	Maize	Beans	Ground Nuts	Sugar Cane	Cassava	Kenaf ¹	Total
0609	0705					29			29
	0707					1			1
	0709					3			3
	0802					37		*4	41
	0804					2		*2	4
	0805					1			1
	0807					2		*7	9
	0809					4			4
	0810					18		*2	20
	0811							*1	1
	0812							*3	3
	0902					1			1
	0903					1			1
	0904					4			4
	0905					4			4
	1202					16			16
	1204					33			33
	1205					5			5
	1210					1			1
	1313					1			1
	1317					4			4
	1403					10			10
	1406					6			6
0613	0612						29	2	31
	0614	1					27	2	30
	0615	5						2	7
	0616	4							4
	0618	11							11
	0619	2					37	1	40
	0707							3	3

¹ : Figures with * mark are Dried kenaf, others are Fiber kenaf.

COMMODITY FLOW OF MAIN AGRICULTURAL PRODUCTS (4)

(1,000 t)

Node Pair (Amphoe Code No.)		Commodity Flow of Main Agricultural Products							
Destination	Origin	Rice	Maize	Beans	Ground Nuts	Sugar Cane	∠1 Cassava	Kenaf	Total
0617	0615						19		19
	0616						15		15
	0618						18		18
0701	0705	9					⊙26		35
0710	0707	4							4
	0709	2							2
	1402	19							19
	1404	9							9
	1502	17							17
0801	0803	4							4
	0804	2							2
	0805	4					87		91
	0806	9							9
	0807	5							5
	0809	2							2
	0810	3							3
	0811	11			1				12
	0812	4			2		30		36
	0813	1					10		11
	0901					1			1
0902	5							5	
0806	0804						36		36
	0808						21		21
0901	0710							1	1
	0809						100		100
	0903	5	1				258		264
	0907						22		22

∠1 : Figure with ⊙ mark is Cassava chips, others are Cassava roots.

(1,000 t)

Node Pair (Amphoe Code No.)		Commodity Flow of Main Agricultural Products							
Destination	Origin	Rice	Maize	Beans	Ground Nuts	Sugar Cane	∠1 Cassava	Kenaf	Total
0903	0809						72		72
	0902						⊙25		25
	0904						13		13
	0905						56		56
0907	0904	2							2
	0905	1							1
	1001							2	2
	1002							1	1
	1003							1	1
1004	1004							4	4
	1001	3					15		18
	1003	7					22		29
1007	1007	7							7
	1006	1007						1	1
1008	1008							1	1
	1101	1114						1	1
1101	1116							3	3
	1117							6	6
	1120							2	2
	1105	1103					5		5
1110	1110						9		9
	1111	1103	4						4
1113	1109	2							2
	1110	2							2
	1113	7							7

∠1 : Figure with ⊙ mark is Cassava chips, others are Cassava roots.

COMMODITY FLOW OF MAIN AGRICULTURAL PRODUCTS (5)

(1,000 t)

Node Pair (Amphoe Code No.)		Commodity Flow of Main Agricultural Products							
Destination	Origin	Rice	Maize	Beans	Ground Nuts	Sugar Cane	⌒ ¹ Cassava	Kenaf	Total
1115	1111						3		3
	1113						3		3
	1114						3		3
	1117						24		24
	1120						8		8
1116	1112	4							4
	1114	3							3
1117	1118		18						18
	1120	9							9
1118	1117	5							5
1209	1213	1							1
1213	1209						34	1	35
	1210							2	2
	1211							1	1
	1212	2							2
1301	1302	27						2	29
	1303							2	2
	1304							2	2
	1310	8							8
	1315				1		77		78
	1318	4			1		163		168
	1319						213		213
	1320						338		338
1321						219		219	

(1,000 t)

Node Pair (Amphoe Code No.)		Commodity Flow of Main Agricultural Products							
Destination	Origin	Rice	Maize	Beans	Ground Nuts	Sugar Cane	⌒ ¹ Cassava	Kenaf	Total
1302	1303	1							1
	1304	14							14
	1308	11							11
1304	1303						25		25
	1305						9		9
1308	1402						1		1
1310	1406						22	2	24
	1309							3	3
1315	1301	2							2
1316	1315		5				76		81
	1318		6						6
1318	1317					4			4
1319	1407	4					52		56
	1408						86		86
1320	1409	4							4
1401	1403						90		90
	1404						50		50
	1405					1			1
	1410					2			2
	1411						7		7
	1412					1	60		61

⌒¹ : Figure with ○ mark is Cassava chips, others are Cassava roots.

COMMODITY FLOW OF MAIN AGRICULTURAL PRODUCTS (6)

(1,000 t)

Node Pair (Amphoe Code No.)		Commodity Flow of Main Agricultural Products							
Destination	Origin	Rice	Maize	Beans	Ground Nuts	Sugar Cane	Ⓐ Cassava	Kenaf	Total
1403	1309	1				2			3
	1401					30			31
	1404					40			40
	1501					2			2
	1408					1			1
	1512					15			15
	1513					9			9
1406	1309	1						1	
1407	1319		7						7
	1320		35						35
1408	1409	1							1
	1410		2						2
1501	1403							3	3
	1404							2	2
	1405						12	2	14
	1503	11					21	6	38
	1504	4					3		7
	1508							1	1
	1509	4					7		11
	1510							3	3
	1511						Ⓐ	2	8
	1512							1	1
1507	1506						21		21
	1508						8		8
1508	1505	17							17
	1506	11							11
	1507	4							4
	1510	7							7
	1513	4							4
	1603	4							4
1607	5							5	

(1,000 t)

Node Pair (Amphoe Code No.)		Commodity Flow of Main Agricultural Products							
Destination	Origin	Rice	Maize	Beans	Ground Nuts	Sugar Cane	Cassava	Kenaf	Total
1511	1512	15					12		27
1601	1008	1							1
	1602	6							6
	1603	9						1	10
	1605	4							4
	1611	1							1
1605	1602							1	1

Ⓐ : Figure with ○ mark is Cassava chips, others are Cassava roots.

COMMODITY FLOW OF MAIN AGRICULTURAL PRODUCTS (7)

— Rice —

- | | | |
|-----------------------|---------------------------|---------------------------|
| 0101 M. Loei | 0610 Kranuan | 1203 Kaset Sombun |
| 0102 Tha Li | 0611 Phra Yun | 1204 Phu Khieo |
| 0103 Chiang Khan | 0612 Mancha Khiri | 1205 Ban Thaeo |
| 0104 Pak Chom | 0613 Ban Phai | 1206 Kaeng Khlo |
| 0105 Na Duang | 0614 Chonnabot | 1207 Khon Sawan |
| 0106 Na Haeo | 0615 Waeng Yai | 1208 Nong Bua Daeng |
| 0107 Dan Sai | 0616 Waeng Noi | 1209 Nong Bua Rahueo |
| 0108 Phu Rua | 0617 Phon | 1210 Ban Khwao |
| 0109 Wang Saphung | 0618 Nong Song Hon | 1211 Thep Sarit |
| 0110 Phu Kradung | 0619 Phouy Noi | 1212 Bamnet Narong |
| 0201 M. Udon Thani | 0701 M. Maha Sarakham | 1213 Chatturat |
| 0202 Nam Som | 0702 Chiang Yun | 1301 M. Nakhon Ratchasima |
| 0203 Suwannakhuha | 0703 Kosum Phisai | 1302 Bua Yai |
| 0204 Ban Phu | 0704 Kantharawichai | 1303 Ban Luam |
| 0205 Kut Chap | 0705 Borabu | 1304 Khong |
| 0206 Phen | 0706 Kae Dam | 1305 Kham Sakae Saeng |
| 0207 Saog Khom | 0707 Na Chuak | 1306 Non Sung |
| 0208 Ban Dung | 0708 Wapi Pathum | 1307 Phimai |
| 0209 Thung Fon | 0709 Na Dun | 1308 Prathai |
| 0210 Na Kiang | 0710 Phayakkhaphum Phisai | 1309 Chum Phuang |
| 0211 Si Bum Ruang | 0801 M. Kalasin | 1310 Huai Thalaeng |
| 0212 Nong Bua Lam Phu | 0802 Tha Khantho | 1311 Chakkaraj |
| 0213 Non Sang | 0803 Nong Kung Si | 1312 Dan Khun Thot |
| 0214 Nong Wu So | 0804 Khom Muang | 1313 Non Thai |
| 0215 Non Sa-At | 0805 Saharsakhan | 1314 Kham Thalee So |
| 0216 Kumphawapi | 0806 Somdet | 1315 Sung Noen |
| 0217 Nong Han | 0807 Na Mon | 1316 Sikhui |
| 0218 Chaiwan | 0808 Khao Wong | 1317 Pak Chong |
| 0219 Si That | 0809 Kuchinarai | 1318 Pak Thong Chai |
| 0220 Wang Sam Mo | 0810 Huai Mek | 1319 Chok Chai |
| 0301 M. Nong Khai | 0811 Yang Talat | 1320 Khon Buri |
| 0302 Sangkhom | 0812 Kamalasai | 1321 Soeng Sang |
| 0303 Si Chiang Mai | 0813 Bong Kham | 1401 M. Buri Ram |
| 0304 Tha Bo | 0901 M. Roi Et | 1402 Phutthaisong |
| 0305 Phon Phisai | 0902 Pho Chai | 1403 Khu Muang |
| 0306 Pak Kad | 0903 Phon Thong | 1404 Satuk |
| 0307 So Phisai | 0904 Huaywadee | 1405 Krasang |
| 0308 Bung Kan | 0905 Nong Phok | 1406 Lam Plai Mat |
| 0309 Phon Charoen | 0906 Thawatchaburi | 1407 Nong Ki |
| 0310 Seka | 0907 Selaphum | 1408 Nang Rong |
| 0401 M. Sakhon Nakhon | 0908 Chaturapak Piman | 1409 Pa Khom |
| 0402 Ban Muang | 0909 Muang Suang | 1410 Lahan Sai |
| 0403 Kham Ta Kia | 0910 At Samat | 1411 Prakhon Chai |
| 0404 Savang Daen Din | 0911 Pathum Rat | 1412 Ban Kruat |
| 0405 Wanon Niwat | 0912 Kaset Wisai | 1501 M. Surin |
| 0406 Akat Amnuai | 0913 Suwannaphum | 1502 Chumphon Buri |
| 0407 Song Dao | 0914 Phanom Phrai | 1503 Tha Tum |
| 0408 Waritchaphum | 0915 Phon Sai | 1504 Chom Phra |
| 0409 Phang Khon | 1001 M. Yasothorn | 1505 Sanon |
| 0410 Nakhon Nam Un | 1002 Sai Mun | 1506 Rattanaaburi |
| 0411 Phanna Nakhon | 1003 Kut Chum | 1507 Samrong Thap |
| 0412 Kusuman | 1004 Loeng Nok Tha | 1508 Sikhoraphum |
| 0413 Kut Bak | 1005 Pa Tiu | 1509 Lamduan |
| 0414 Tao Koi | 1006 Kham Khuan Kaeo | 1510 Sangkha |
| 0501 M. Nakhon Phanom | 1007 Maha Chana Chai | 1511 Prasat |
| 0502 Ban Phaeng | 1008 Kho Wang | 1512 Kap Choeng |
| 0503 Si Songkhrum | 1101 M. Ubon Ratchathani | 1513 Bua Chet |
| 0504 Na Wa | 1102 Chanuman | 1601 M. Si Sa Ket |
| 0505 Tha Uthen | 1103 Khemaraj | 1602 Rasi Salai |
| 0506 Pla Pak | 1104 Senang Khanikhom | 1603 Yang Chum Noi |
| 0507 Renu Nakhon | 1105 Amnat Charoen | 1604 Kanthararom |
| 0508 Na Kae | 1106 Bua Thaphan | 1605 Uthumphon Phisai |
| 0509 That Phanom | 1107 Khuang Nai | 1606 Huai Thap Than |
| 0510 Dong Luang | 1108 Muang Samsip | 1607 Prang Ku |
| 0511 Khamcha-I | 1109 Phana | 1608 Khukhaa |
| 0512 Mukdahan | 1110 Kut Kaopun | 1609 Phrai Bung |
| 0513 Wan Yai | 1111 Trakan Phutphon | 1610 Khun Han |
| 0514 Nakhon Kham Soi | 1112 Talsum | 1611 Bung Boon |
| 0515 Don Tan | 1113 Si Muang Mai | 1612 Non Koon |
| 0601 M. Khon Kaen | 1114 Khong Chiam | 1613 Kanthararak |
| 0602 Chumphae | 1115 Warin Chamrap | |
| 0603 Si Chomphu | 1116 Pibun Hungsahan | |
| 0604 Phu Wiang | 1117 Det Udon | |
| 0605 Nong Rua | 1118 Nam Yun | |
| 0606 Bao Fang | 1119 Na Chaiwai | |
| 0607 Uboiratana | 1120 Buntharik | |
| 0608 Kaosuankwang | 1201 M. Chaiyaphum | |
| 0609 Nam Phong | 1202 Khon San | |

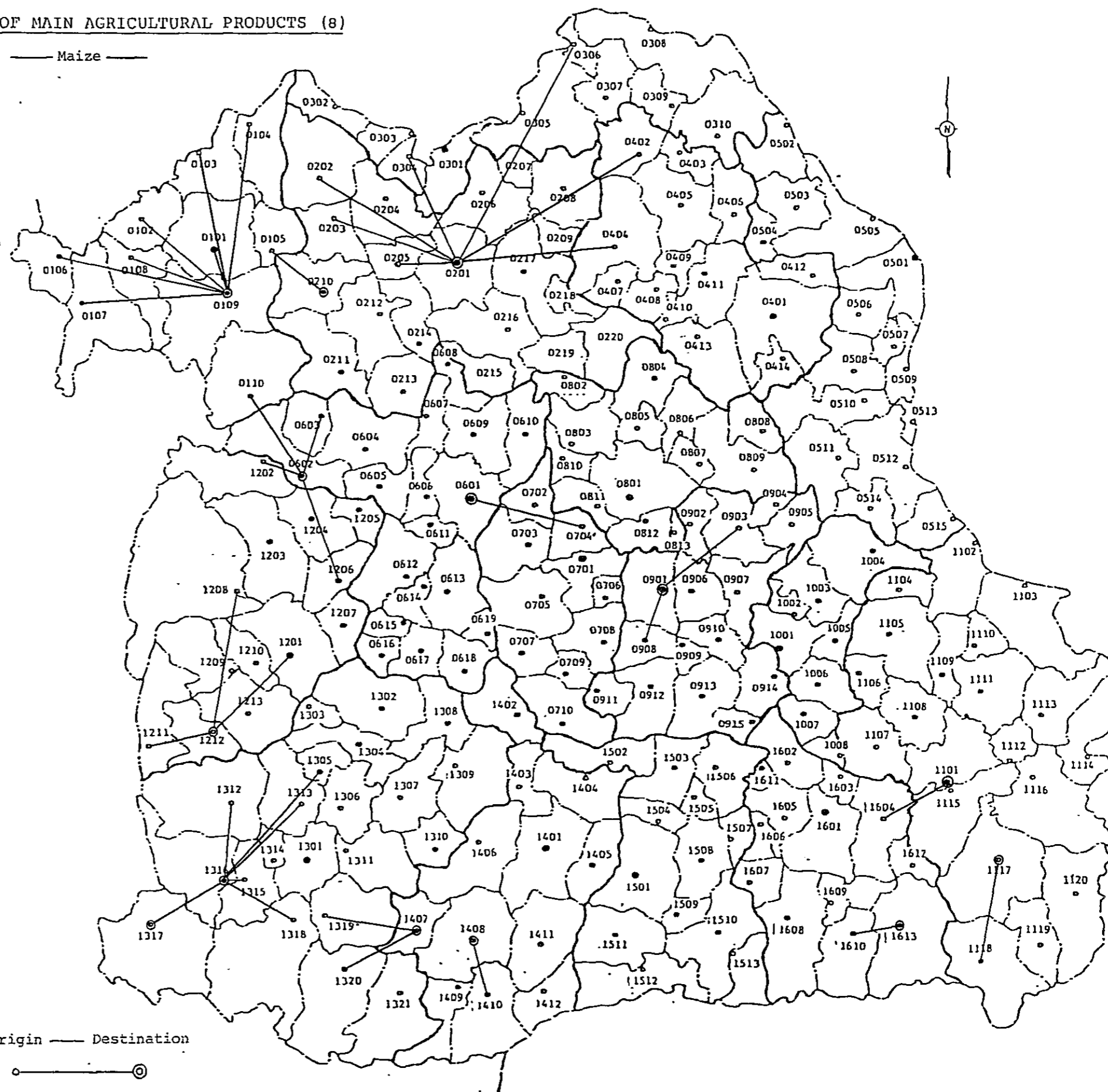


Origin — Destination
 ○ ———— ●
 ● ———— ○

COMMODITY FLOW OF MAIN AGRICULTURAL PRODUCTS (8)

— Maize —

- | | | |
|-----------------------|---------------------------|---------------------------|
| 0101 M. Loei | 0610 Krasuan | 1203 Kaset Sombun |
| 0102 Tha Li | 0611 Phra Yun | 1204 Phu Khieo |
| 0103 Chiang Khan | 0612 Mancha Khiri | 1205 Ban Thaen |
| 0104 Pak Chom | 0613 Ban Phai | 1206 Kaeng Khlo |
| 0105 Na Duang | 0614 Chonnabot | 1207 Khon Sawan |
| 0106 Na Bao | 0615 Waeng Yai | 1208 Nong Bua Daeng |
| 0107 Dan Sai | 0616 Waeng Noi | 1209 Nong Bua Rahueo |
| 0108 Phu Rua | 0617 Phos | 1210 Ban Khuao |
| 0109 Wang Saphung | 0618 Nong Song Hon | 1211 Thep Sarit |
| 0110 Phu Kradung | 0619 Phouy Noi | 1212 Bamnet Narong |
| 0201 M. Udon Thani | 0701 M. Maha Sarakham | 1213 Chatturat |
| 0202 Nam Son | 0702 Chiang Yun | 1301 M. Nakhon Ratchasima |
| 0203 Suwannakhuha | 0703 Kosum Phisai | 1302 Bua Yai |
| 0204 Ban Phu | 0704 Lantharavichai | 1303 Ban Luam |
| 0205 Kut Chap | 0705 Borabu | 1304 Khong |
| 0206 Pho | 0706 Kae Dam | 1305 Kham Sakae Saeng |
| 0207 Saog Khom | 0707 Na Chuak | 1306 Non Sung |
| 0208 Ban Dung | 0708 Wapi Pathum | 1307 Phimai |
| 0209 Thung Fon | 0709 Na Duu | 1308 Prachai |
| 0210 Na Klang | 0710 Phayakkhaphum Phisai | 1309 Chum Phuang |
| 0211 Si Bun Ruang | 0801 M. Kalasin | 1310 Huai Thalaeng |
| 0212 Nong Bua Lam Phu | 0802 Tha Khantho | 1311 Chakkraj |
| 0213 Non Sang | 0803 Nong Kung Si | 1312 Dan Khun Thot |
| 0214 Nong Wu So | 0804 Khom Muang | 1313 Non Thai |
| 0215 Non Sa-Ai | 0805 Sahatsakhan | 1314 Kham Thalee So |
| 0216 Kumphawapi | 0806 Somdet | 1315 Sung Noen |
| 0217 Nong Han | 0807 Na Mon | 1316 Sikhui |
| 0218 Chaiwan | 0808 Khao Wong | 1317 Pak Chong |
| 0219 Si That | 0809 Kuchinarai | 1318 Pak Thong Chai |
| 0220 Wang Sam Mo | 0810 Bua Mek | 1319 Chok Chai |
| 0301 M. Nong Khai | 0811 Yang Talat | 1320 Khon Buri |
| 0302 Sangkhom | 0812 Kamalasai | 1321 Soeng Sang |
| 0303 Si Chiang Mai | 0813 Rong Khaw | 1401 M. Buri Ram |
| 0304 Tha Bo | 0901 M. Roi Et | 1402 Phutthaisong |
| 0305 Phon Phisai | 0902 Pho Chai | 1403 Khu Muang |
| 0306 Pak Kad | 0903 Phon Thong | 1404 Satuk |
| 0307 So Phisai | 0904 Muayavadee | 1405 Krasang |
| 0308 Bung Kan | 0905 Nong Phok | 1406 Lam Plai Mat |
| 0309 Phon Charoen | 0906 Thawatthaburi | 1407 Nong Ki |
| 0310 Seka | 0907 Selaphum | 1408 Nang Kong |
| 0401 M. Sakon Nakhon | 0908 Charurapak Piman | 1409 Pa Khou |
| 0402 Ban Muang | 0909 Huang Suang | 1410 Lahan Sai |
| 0403 Kham Ta Kla | 0910 At Samat | 1411 Prakhon Chai |
| 0404 Sawang Daen Din | 0911 Pathum Rat | 1412 Ban Kruat |
| 0405 Wanon Niwat | 0912 Kaset Wisai | 1501 M. Surin |
| 0406 Akat Annuai | 0913 Suwannaphum | 1502 Chumphon Buri |
| 0407 Song Dao | 0914 Phanom Phrai | 1503 Tha Tum |
| 0408 Waritchaphum | 0915 Phon Sai | 1504 Chom Phra |
| 0409 Phang Khon | 1001 M. Yasothon | 1505 Sano |
| 0410 Nakhon Kasem | 1002 Sai Mun | 1506 Rattanaaburi |
| 0411 Phanna Nikhom | 1003 Kut Chum | 1507 Samrong Thap |
| 0412 Kusuman | 1004 Loeng Nok Tua | 1508 Sikhoraphum |
| 0413 Kut Bak | 1005 Pa Tiu | 1509 Lamduan |
| 0414 Tao Koi | 1006 Kham Khuan Kaeo | 1510 Sangkha |
| 0501 M. Nakhon Phanom | 1007 Maha Chana Chai | 1511 Prasat |
| 0502 Ban Phacng | 1008 Kho Wang | 1512 Kap Choeng |
| 0503 Si Songkhran | 1101 M. Ubon Ratchathani | 1513 Bua Chet |
| 0504 Na Wa | 1102 Chanuman | 1601 M. Si Sa Ket |
| 0505 Tha Uthen | 1103 Khemaraj | 1602 Rasi Salai |
| 0506 Pla Pak | 1104 Senang Khanikhom | 1603 Yang Chum Noi |
| 0507 Renu Nakhon | 1105 Annat Charoen | 1604 Kanthararon |
| 0508 Na Kae | 1106 Bua Thaphan | 1605 Uthumphon Phisai |
| 0509 That Phanom | 1107 Khuang Nai | 1606 Huai Thap Than |
| 0510 Dong Luang | 1108 Huang Samsip | 1607 Prang Ku |
| 0511 Khamcha-I | 1109 Phana | 1608 Khukhan |
| 0512 Mukdahan | 1110 Kut Kaopun | 1609 Phrai Bung |
| 0513 Wan Yai | 1111 Trekan Phutphon | 1610 Khun Han |
| 0514 Nakhon Kham Soi | 1112 Talsum | 1611 Bung Boon |
| 0515 Don Tan | 1113 Si Huang Hai | 1612 Non Koon |
| 0601 M. Khon Kaen | 1114 Khong Chiao | 1613 Lantharak |
| 0602 Chumphae | 1115 Warin Chamrap | |
| 0603 Si Chomphu | 1116 Pibun Hungsahan | |
| 0604 Phu Wiang | 1117 Det Udon | |
| 0605 Nong Rua | 1118 Nam Yun | |
| 0606 Ban Fang | 1119 Na Chalwai | |
| 0607 Ubolratana | 1120 Buntharik | |
| 0608 Kaosanong | 1201 M. Chaiyaphum | |
| 0609 Nam Phong | 1202 Khon San | |



Origin — Destination

COMMODITY FLOW OF MAIN AGRICULTURAL PRODUCTS (9)

— Ground nuts & Beans —

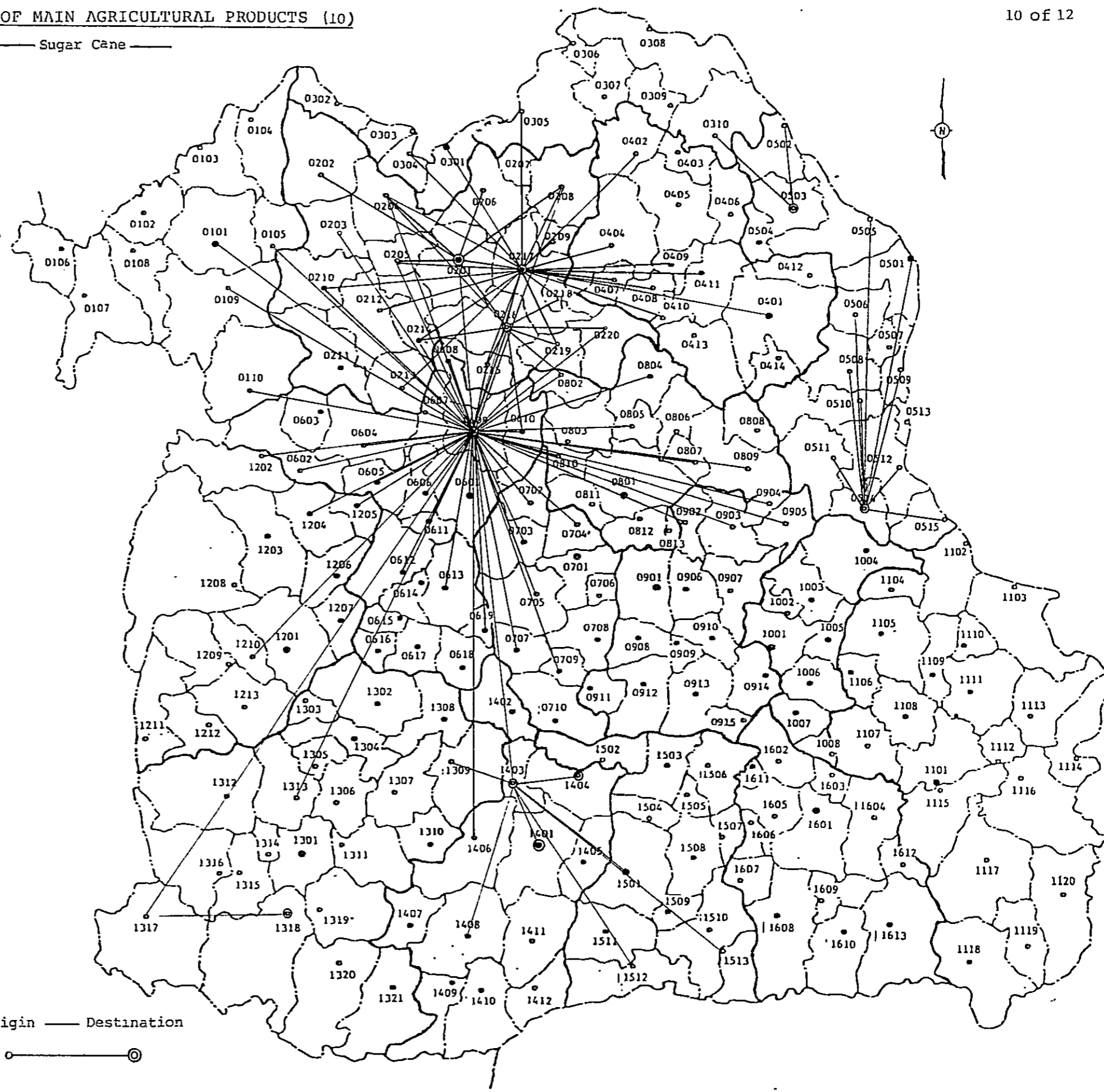
- | | | |
|-----------------------|---------------------------|---------------------------|
| 0101 M. Loei | 0610 Kranuan | 1203 Kaset Sombun |
| 0102 Tha Li | 0611 Phra Yun | 1204 Phu Khieo |
| 0103 Chiang Khan | 0612 Mueang Khiri | 1205 Bao Thaeo |
| 0104 Pak Chon | 0613 Ban Phai | 1206 Kaeng Khlo |
| 0105 Na Daeng | 0614 Chonnabot | 1207 Khon Suan |
| 0106 Na Haeo | 0615 Waeng Yai | 1208 Hong Bua Daeng |
| 0107 Dan Sai | 0616 Waeng Noi | 1209 Hong Bua Rahueo |
| 0108 Phu Rua | 0617 Phon | 1210 Ban Khwao |
| 0109 Wang Saphung | 0618 Nong Song Hon | 1211 Thap Sacit |
| 0110 Phu Krading | 0619 Phouy Noi | 1212 Eamnet Narong |
| 0201 M. Udon Thani | 0701 M. Maha Sarakham | 1213 Chatturat |
| 0202 Nan Son | 0702 Chiang Yun | 1301 M. Nakhon Ratchasima |
| 0203 Suwannakhuha | 0703 Kosuw Phisai | 1302 Bua Yai |
| 0204 Ban Phu | 0704 Kantharawichai | 1303 Ban Luam |
| 0205 Kut Chap | 0705 Borabu | 1304 Khong |
| 0206 Phao | 0706 Kae Dam | 1305 Khae Sakae Saeng |
| 0207 Sang Khoo | 0707 Na Chuak | 1306 Non Sung |
| 0208 Ban Dung | 0708 Wapi Pathum | 1307 Phisai |
| 0209 Thung Fon | 0709 Na Duu | 1308 Prathai |
| 0210 Na Klang | 0710 Phayakkhaphum Phisai | 1309 Chum Phuang |
| 0211 Si Bun Luang | 0801 M. Kalasin | 1310 Huai Thalaeng |
| 0212 Nong Bua Lam Phu | 0802 Tha Khantho | 1311 Chakkaraaj |
| 0213 Non Sang | 0803 Nong Kung Si | 1312 Dan Khun.Thot |
| 0214 Nong Wu So | 0804 Khom Muang | 1313 Non Thai |
| 0215 Non Sa-At | 0805 Sahatsakhan | 1314 Kham Thalaee So |
| 0216 Kumphavapi | 0806 Somdet | 1315 Sung Noen |
| 0217 Nong Han | 0807 Na Mon | 1316 Sikhio |
| 0218 Chaiwan | 0808 Khao Wong | 1317 Pak Chong |
| 0219 Si That | 0809 Kuchinarai | 1318 Pak Thong Chai |
| 0220 Wang Saw Ho | 0810 Huai Mea | 1319 Chok Chai |
| 0301 M. Nong Khai | 0811 Yang Talat | 1320 Khon Buri |
| 0302 Sangkhoo | 0812 Kamalasai | 1321 Soeng Sang |
| 0303 Si Chiang Mai | 0813 Boeng Kham | 1401 M. Buri Raz |
| 0304 Tha Bo | 0901 M. Roi Et | 1402 Phutthaisong |
| 0305 Phon Phisai | 0902 Pho Chai | 1403 Khu Muang |
| 0306 Pak Kad | 0903 Phon Thong | 1404 Satuk |
| 0307 So Phisai | 0904 Muayavadee | 1405 Krasang |
| 0308 Bung Kan | 0905 Nong Phok | 1406 Lam Pizi Mat |
| 0309 Phon Charoen | 0906 Thavatchaburi | 1407 Nong Ki |
| 0310 Seka | 0907 Selaphum | 1408 Nang Rong |
| 0401 M. Sakon Nakhon | 0908 Chaturapak Piman | 1409 Pa Khom |
| 0402 Ban Muang | 0909 Huang Suang | 1410 Lahan Sai |
| 0403 Kham Ts Kla | 0910 At Samat | 1411 Prakhon Chai |
| 0404 Sawang Daen Din | 0911 Pathum Rat | 1412 Ban Kruat |
| 0405 Wanoo Niwat | 0912 Kaset Wisai | 1501 M. Surin |
| 0406 Akat Amnuai | 0913 Suwannaphum | 1502 Chumphon Buri |
| 0407 Song Dao | 0914 Phanom Phrai | 1503 Tha Tum |
| 0408 Writchaphum | 0915 Phon Sai | 1504 Chom Phra |
| 0409 Phang Khon | 1001 M. Yasothon | 1505 Sanos |
| 0410 Nibhoon Kam Ho | 1002 Sai Mum | 1506 Ratanaburi |
| 0411 Phanna Nibhoon | 1003 Kut Chum | 1507 Samrong Thap |
| 0412 Kusunzo | 1004 Loeng Nok Tha | 1508 Sikhoraphum |
| 0413 Kut Bak | 1005 Pa Tiu | 1509 Lamduan |
| 0414 Tao Koi | 1006 Kham Khuan Kao | 1510 Sangkha |
| 0501 M. Nakhon Phanom | 1007 Haha Chana Chai | 1511 Prasat |
| 0502 Ban Phaeng | 1008 Kho Wang | 1512 Kap Choeng |
| 0503 Si Songkhran | 1101 M. Ubon Ratchathani | 1513 Bua Chet |
| 0504 Na Wa | 1102 Chanuman | 1601 M. Si Sa Ket |
| 0505 Tha Uthen | 1103 Khemaraaj | 1602 Rasi Salai |
| 0506 Pla Pak | 1104 Senang Khanikhom | 1603 Yang Chum Noi |
| 0507 Renu Nakhon | 1105 Amnat Charoen | 1604 Kanthararom |
| 0508 Na Kae | 1106 Bua Thaphan | 1605 Uthumphon Phisai |
| 0509 That Phanom | 1107 Khuang Nai | 1606 Huai Thap Than |
| 0510 Dong Luang | 1108 Huang Samsip | 1607 Prang Ku |
| 0511 Khamcha-I | 1109 Phans | 1608 Khukhan |
| 0512 Mukdahan | 1110 Kut Kaopun | 1609 Phrai Bung |
| 0513 Wan Yai | 1111 Trakan Phutphon | 1610 Khoo Han |
| 0514 Nibhoon Kham Soi | 1112 Talsum | 1611 Bung Boon |
| 0515 Don Tan | 1113 Si Muang Mai | 1612 Non Koon |
| 0601 M. Khon Kaen | 1114 Khong Chiao | 1613 Kantharak |
| 0602 Chumphac | 1115 Warin Chamrap | |
| 0603 Si Chomphu | 1116 Pibun Hungsahan | |
| 0604 Phu Wiang | 1117 Det Udon | |
| 0605 Nong Rux | 1118 Nan Yun | |
| 0606 Ban Yang | 1119 Na Chaluai | |
| 0607 Ubolratana | 1120 Buntarik | |
| 0608 Kaosuwakvong | 1201 M. Chaiyaphum | |
| 0609 Nam Phong | 1202 Khon San | |



COMMODITY FLOW OF MAIN AGRICULTURAL PRODUCTS (10)

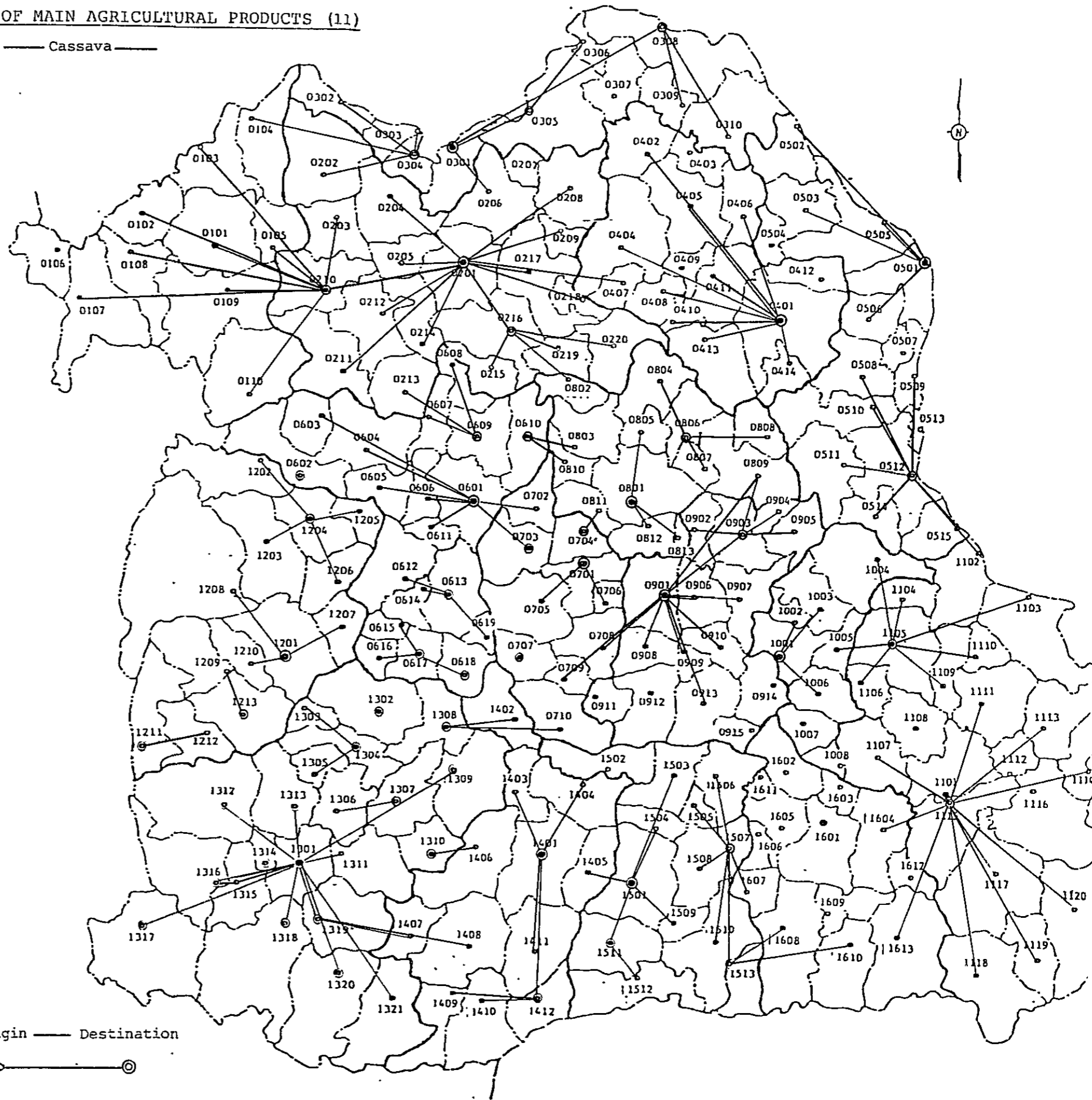
— Sugar Cane —

- | | | |
|-----------------------|---------------------------|---------------------------|
| 0101 M. Loel | 0610 Kranuan | 1203 Kaset Sombun |
| 0102 Tha Li | 0611 Phra Yun | 1204 Phu Khieo |
| 0103 Chiang Khan | 0612 Mancha Khiri | 1205 Ban Thaeo |
| 0104 Pak Chom | 0613 Ban Phai | 1206 Kaeng Khlo |
| 0105 Na Duang | 0614 Chonnabot | 1207 Khon Sawan |
| 0106 Na Baeo | 0615 Waeng Yai | 1208 Nong Bus Daeng |
| 0107 Dan Sai | 0616 Waeng Noi | 1209 Nong Bus Rahueo |
| 0108 Phu Rua | 0617 Pho | 1210 Ban Khvao |
| 0109 Wang Saphung | 0618 Nong Song Non | 1211 Thep Sattit |
| 0110 Phu Kradung | 0619 Phouy Noi | 1212 Banet Narong |
| 0201 M. Udon Thani | 0701 M. Maha Sarakham | 1213 Chaturat |
| 0202 Nam Som | 0702 Chiang Yun | 1301 M. Nakhon Ratchasima |
| 0203 Suvannakhuha | 0703 Kosum Phisai | 1302 Bua Yai |
| 0204 Ban Phu | 0704 Kantharavichai | 1303 Ban Luao |
| 0205 Kut Chap | 0705 Borabu | 1304 Khong |
| 0206 Phen | 0706 Kae Dam | 1305 Kham Sakae Saeng |
| 0207 Sang Khom | 0707 Na Chuak | 1306 Non Sung |
| 0208 Ban Dung | 0708 Wapi Pathum | 1307 Phimai |
| 0209 Thung Fon | 0709 Na Dun | 1308 Prathai |
| 0210 Na Klang | 0710 Phayakkhaphum Pitsai | 1309 Chum Phuang |
| 0211 Si Bum Ruang | 0801 M. Kalasin | 1310 Huai Thalaeng |
| 0212 Nong Bua Lam Phu | 0802 Tha Khantho | 1311 Chakkara |
| 0213 Non Sang | 0803 Nong Kung Si | 1312 Dan Khun.Thot |
| 0214 Nong Wu So | 0804 Khom Huang | 1313 Non Thai |
| 0215 Non Sa-At | 0805 Sahatsakhan | 1314 Kham Thala So |
| 0216 Kumphavapi | 0806 Somdet | 1315 Sung Noen |
| 0217 Nong Han | 0807 Na Mon | 1316 Sikhui |
| 0218 Chaiwan | 0808 Khao Wong | 1317 Pak Chong |
| 0219 Si That | 0809 Kuchinarai | 1318 Pak Thong Chai |
| 0220 Wang Sam No | 0810 Huai Mek | 1319 Chok Chai |
| 0301 M. Nong Khai | 0811 Yang Talat | 1320 Khon Buri |
| 0302 Saengkho | 0812 Kamalasa | 1321 Soeng Sang |
| 0303 Si Chiang Mai | 0813 Rong Kham | 1401 M. Buri Ram |
| 0304 Tha Bo | 0901 M. Roi Et | 1402 Phutthaisong |
| 0305 Phon Phisai | 0902 Pho Chai | 1403 Khu Huang |
| 0306 Pak Kad | 0903 Phon Thong | 1404 Satuk |
| 0307 So Phisai | 0904 Muayavadee | 1405 Krasang |
| 0308 Bung Kan | 0905 Nong Phok | 1406 Lam Plai Mat |
| 0309 Phon Charoen | 0906 Thavatchaburi | 1407 Nong Ki |
| 0310 Seka | 0907 Selaphum | 1408 Nang Rong |
| 0401 M. Sakhon Nakhon | 0908 Charurapak Piman | 1409 Pa Khom |
| 0402 Ban Huang | 0909 Huang Suang | 1410 Lahan Sai |
| 0403 Khan Ta Kla | 0910 At Samat | 1411 Prakho Chai |
| 0404 Sawang Daen Din | 0911 Pathum Rat | 1412 Ban Kruat |
| 0405 Wanon Niwat | 0912 Kaset Wisai | 1501 M. Surin |
| 0406 Akat Amuai | 0913 Suvannaphum | 1502 Chumphon Buri |
| 0407 Song Dao | 0914 Phanom Phrai | 1503 Tha Tum |
| 0408 Waritchaphum | 0915 Phon Sai | 1504 Chom Phra |
| 0409 Phang Khon | 1001 M. Yasothon | 1505 Sanom |
| 0410 Nakhon Nam Un | 1002 Sai Mue | 1506 Rattanauri |
| 0411 Phanna Nikhom | 1003 Kut Chum | 1507 Sawrong Thap |
| 0412 Kusuman | 1004 Loeng Nok Tha | 1508 Sikhoraphum |
| 0413 Kut Bak | 1005 Pa Tiu | 1509 Landuan |
| 0414 Tao Koi | 1006 Kham Khuan Kao | 1510 Sangkha |
| 0501 M. Nakhon Phanom | 1007 Maha Chana Chai | 1511 Prasat |
| 0502 Ban Phaeng | 1008 Kho Wang | 1512 Kap Choeng |
| 0503 Si Songkhran | 1101 M. Ubon Ratchathani | 1513 Bua Chet |
| 0504 Na Wa | 1102 Chanuman | 1601 M. Si Sa Ket |
| 0505 Tha Uthen | 1103 Khemara | 1602 Rasi Sala |
| 0506 Pla Pak | 1104 Senang Khanikho | 1603 Yang Chum Noi |
| 0507 Renu Nakhon | 1105 Amnat Charoen | 1604 Kanthararom |
| 0508 Na Kae | 1106 Hua Thaphan | 1605 Uthumphon Phisai |
| 0509 That Phanom | 1107 Khuang Nai | 1606 Huai Thap Than |
| 0510 Dong Luang | 1108 Muang Samsip | 1607 Prang Ku |
| 0511 Khaucha-I | 1109 Phana | 1608 Khukhao |
| 0512 Mukdahan | 1110 Kut Kaopun | 1609 Phrai Bung |
| 0513 Wan Yai | 1111 Irakan Phutphon | 1610 Khun Han |
| 0514 Nakhon Kham Soi | 1112 Talsum | 1611 Bung Boon |
| 0515 Don Tan | 1113 Si Muang Nai | 1612 Non Koon |
| 0601 M. Khon Kaen | 1114 Khong Chian | 1613 Kantharak |
| 0602 Chumphae | 1115 Warin Chamrap | |
| 0603 Si Chomphu | 1116 Pibun Hungsahan | |
| 0604 Phu Wiang | 1117 Det Udon | |
| 0605 Nong Rua | 1118 Nau Yun | |
| 0606 Bao Fang | 1119 Na Chaluai | |
| 0607 Ubolratana | 1120 Buncharik | |
| 0608 Kaosuanvong | 1201 M. Chaiyaphum | |
| 0609 Nam Phong | 1202 Khon San | |



COMMODITY FLOW OF MAIN AGRICULTURAL PRODUCTS (1.1)

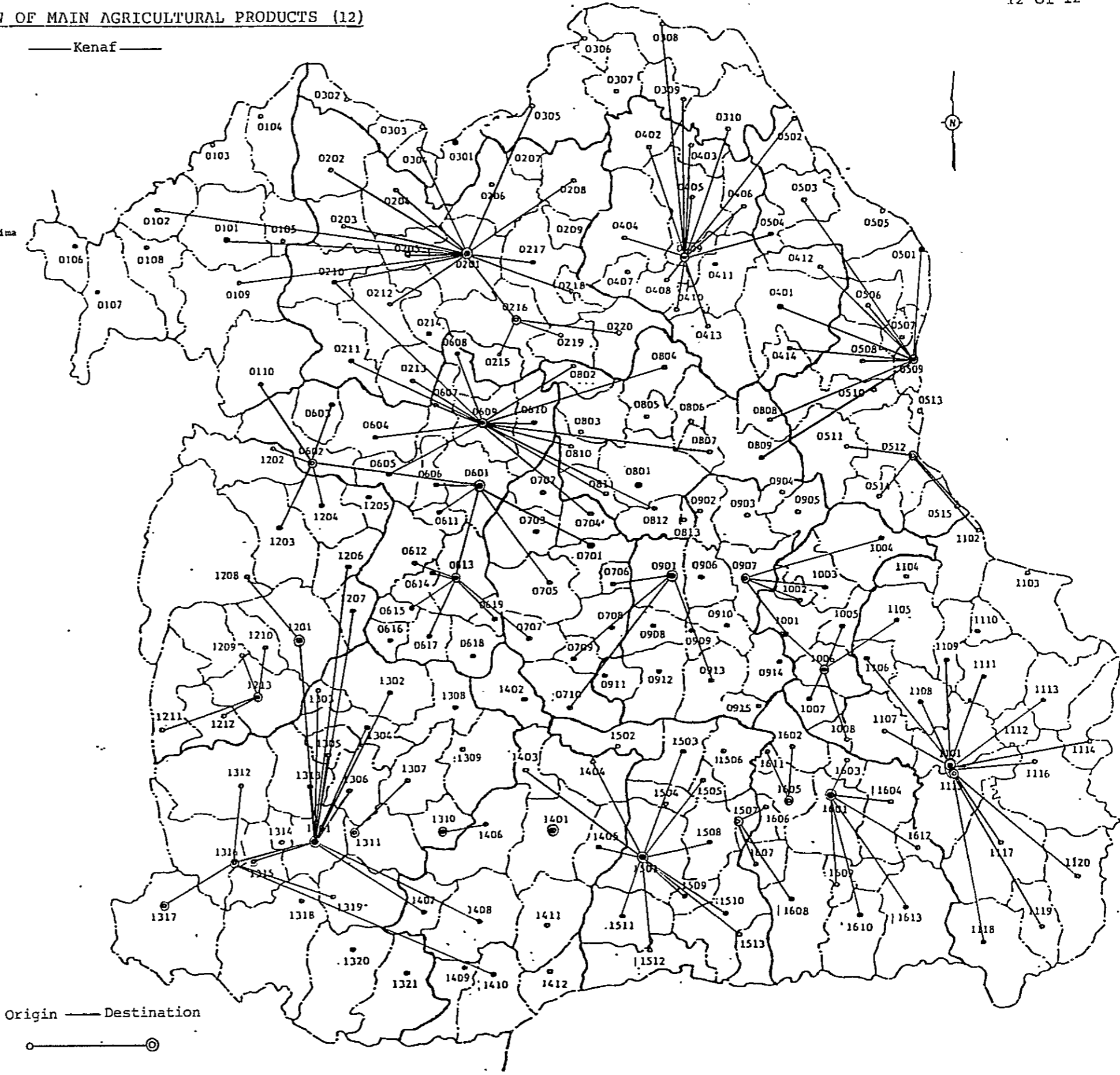
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|-----------------------|--------------------------|---------------------------|
| 0101 M. Loei | 0610 Kranuan | 1203 Kaset Sombun |
| 0102 Tha Li | 0611 Phra Yun | 1204 Phu Khieo |
| 0103 Chiang Khan | 0612 Mancha Khiri | 1205 Ban Thae |
| 0104 Pak Chom | 0613 Ban Phai | 1206 Kaeng Khlo |
| 0105 Na Duang | 0614 Chonnabot | 1207 Khon Sawan |
| 0106 Na Haeo | 0615 Waeng Yai | 1208 Nong Bua Daeng |
| 0107 Dan Sai | 0616 Waeng Noi | 1209 Nong Bus Rahueo |
| 0108 Phu Rua | 0617 Phon | 1210 Ban Khvao |
| 0109 Wang Saphung | 0618 Nong Song Hon | 1211 Thep Sattit |
| 0110 Phu Kradung | 0619 Phouy Noi | 1212 Bamnet Narong |
| 0201 M. Udon Thani | 0701 M. Maha Sarakham | 1213 Chatturat |
| 0202 Nan Son | 0702 Chiang Yun | 1301 M. Nakhon Ratchasima |
| 0203 Suvannakhua | 0703 Kosum Phisai | 1302 Bua Yai |
| 0204 Ban Phu | 0704 Kantharavichai | 1303 Ban Luam |
| 0205 Kut Chap | 0705 Borabu | 1304 Khong |
| 0206 Phen | 0706 Kae Dam | 1305 Kham Sakae Saeng |
| 0207 Sang Khom | 0707 Na Chuak | 1306 Non Sung |
| 0208 Ban Dung | 0708 Wapi Pathum | 1307 Phimai |
| 0209 Thung Fon | 0709 Na Dun | 1308 Prachai |
| 0210 Na Kiang | 0710 Phayakkhaphum Pisai | 1309 Chum Phuang |
| 0211 Si Bum Ruang | 0801 M. Kalasin | 1310 Hua1 Thalaeng |
| 0212 Nong Bus Lam Phu | 0802 Tha Khantho | 1311 Chakkara |
| 0213 Non Sang | 0803 Nong Kung Si | 1312 Dan Khun.Thot |
| 0214 Nong Uua So | 0804 Khom Muang | 1313 Non Thai |
| 0215 Non Sa-At | 0805 Sahatsakhan | 1314 Kham Thalae So |
| 0216 Kumphawapi | 0806 Somdet | 1315 Sung Noen |
| 0217 Nong Han | 0807 Na Mon | 1316 Sikhio |
| 0218 Chalwan | 0808 Khao Wong | 1317 Pak Chong |
| 0219 Si That | 0809 Kuchinarai | 1318 Pak Thong Chai |
| 0220 Wang Sam Mo | 0810 Hua1 Mek | 1319 Chok Chai |
| 0301 M. Nong Khai | 0811 Yang Talat | 1320 Khon Buri |
| 0302 Sangkhon | 0812 Kamalasa1 | 1321 Soeng Sang |
| 0303 Si Chiang Mai | 0813 Bong Kham | 1401 M. Buri Ram |
| 0304 Tha Bo | 0901 M. Roi Et | 1402 Phutthaisong |
| 0305 Phon Phisai | 0902 Pho Chai | 1403 Khu Muang |
| 0306 Pak Kad | 0903 Phon Thong | 1404 Satuk |
| 0307 So Phisai | 0904 Muayavadee | 1405 Krasang |
| 0308 Bung Kan | 0905 Nong Phok | 1406 Lam Plai Mat |
| 0309 Phon Charoen | 0906 Thavatchaburi | 1407 Nong Ki |
| 0310 Seka | 0907 Selaphum | 1408 Nang Rong |
| 0401 M. Sakhon Nakhon | 0908 Charurapak Piman | 1409 Pa Khom |
| 0402 Ban Huang | 0909 Muang Suang | 1410 Lahan Sai |
| 0403 Khan Ta Kla | 0910 At Samet | 1411 Prakhon Chai |
| 0404 Savang Daen Din | 0911 Pathum Rat | 1412 Ban Kruat |
| 0405 Wanou Niwat | 0912 Laset Wisai | 1501 M. Surin |
| 0406 Akat Amual | 0913 Suvannaphum | 1502 Chumphon Buri |
| 0407 Song Dao | 0914 Phanom Phrai | 1503 Tha Tum |
| 0408 Waritchaphum | 0915 Phon Sai | 1504 Chon Phra |
| 0409 Phang Khon | 1001 M. Yasothon | 1505 Sanom |
| 0410 Nakhon Han Un | 1002 Sai Mum | 1506 RattanaBuri |
| 0411 Phanna Nikhon | 1003 Kut Chum | 1507 Samrong Thap |
| 0412 Kusuman | 1004 Loeng Nok Tha | 1508 Sikhoraphum |
| 0413 Kut Bak | 1005 Pa Tiu | 1509 Lamduan |
| 0414 Tao Koi | 1006 Kham Khuan Lao | 1510 Sangkha |
| 0501 M. Nakhon Phanom | 1007 Maha Chana Chai | 1511 Prasat |
| 0502 Ban Phaeang | 1008 Kho Wang | 1512 Kap Choeng |
| 0503 Si Songkhran | 1101 M. Ubon Ratchathani | 1513 Bua Chet |
| 0504 Na Wa | 1102 Chanuman | 1601 M. Si Sa Ket |
| 0505 Tha Uthen | 1103 Khemraj | 1602 Rasi Salai |
| 0506 Pla Pak | 1104 Senang Khanikhom | 1603 Yang Chum Noi |
| 0507 Reou Nakhon | 1105 Amnat Charoen | 1604 Kanthararon |
| 0508 Na Kae | 1106 Bua Thaphan | 1605 Uthumphon Phisai |
| 0509 That Phanom | 1107 Chuang Nai | 1606 Hua1 Thap Than |
| 0510 Dong Luang | 1108 Huang Samtip | 1607 Prang Ku |
| 0511 Khamcha-I | 1109 Phana | 1608 Khukhad |
| 0512 Mukdahan | 1110 Kut Kaopun | 1609 Phrai Bung |
| 0513 Wan Yai | 1111 Trakan Phutphon | 1610 Khun Han |
| 0514 Nakhon Khan Soi | 1112 Talsum | 1611 Bung Boon |
| 0515 Don Tan | 1113 Si Huang Hai | 1612 Non Koon |
| 0601 M. Khon Kaen | 1114 Khong Chian | 1613 Kantharak |
| 0602 Chumphae | 1115 Warin Chamrap | |
| 0603 Si Chomphu | 1116 Pibun Nungsahan | |
| 0604 Phu Wiang | 1117 Det Udon | |
| 0605 Nong Rua | 1118 Nam Yun | |
| 0606 Ban Fang | 1119 Na Chalua1 | |
| 0607 Ubolratana | 1120 Buntarik | |
| 0608 KaosuanKuang | 1201 M. Chaiyaphum | |
| 0609 Nam Phong | 1202 Khon San | |



COMMODITY FLOW OF MAIN AGRICULTURAL PRODUCTS (12)

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|-----------------------|---------------------------|---------------------------|
| 0101 M. Loei | 0610 Kranuan | 1203 Kaset Sombun |
| 0102 Tha Li | 0611 Phra Yun | 1204 Phu Khieo |
| 0103 Chiang Khan | 0612 Mancha Khiri | 1205 Bao Thaeo |
| 0104 Pak Chom | 0613 Ban Phai | 1206 Kaeng Khlo |
| 0105 Na Duang | 0614 Chonnabot | 1207 Khon Savan |
| 0106 Na Haeo | 0615 Waeng Yai | 1208 Nong Bua Daeng |
| 0107 Dan Sai | 0616 Waeng Noi | 1209 Nong Bua Rahueo |
| 0108 Phu Rua | 0617 Phoo | 1210 Ban Khvao |
| 0109 Wang Saphung | 0618 Nong Song Hon | 1211 Thep Sarit |
| 0110 Phu Kraoung | 0619 Phouy Noi | 1212 Eamnet Narong |
| 0201 M. Udon Thani | 0701 M. Maha Sarakham | 1213 Chattrurat |
| 0202 Nam Som | 0702 Chiang Yun | 1301 M. Nakhon Ratchasima |
| 0203 Suwannakhua | 0703 Kosum Phisai | 1302 Bua Yai |
| 0204 Ban Phu | 0704 Kantharavichai | 1303 Ban Luam |
| 0205 Kut Chap | 0705 Borabu | 1304 Khong |
| 0206 Phao | 0706 Kae Daw | 1305 Kham Sakae Saeng |
| 0207 Saog Khom | 0707 Na Chuak | 1306 Non Sung |
| 0208 Ban Dung | 0708 Wapi Pathum | 1307 Phimai |
| 0209 Thung Fon | 0709 Na Dun | 1308 Prathai |
| 0210 Na Kiang | 0710 Phayakkhaphum Pissai | 1309 Chum Phuang |
| 0211 Si Bum Ruang | 0801 M. Kalasin | 1310 Huai Thalaeng |
| 0212 Nong Bua Lam Phu | 0802 Tha Khantho | 1311 Chakkarae |
| 0213 Non Sang | 0803 Nong Kung Si | 1312 Dan Khun Thot |
| 0214 Nong Wu So | 0804 Khom Muang | 1313 Non Thai |
| 0215 Non Sa-At | 0805 Sahatsakhan | 1314 Kham Thalaee So |
| 0216 Kumphawapi | 0806 Soadet | 1315 Sung Noen |
| 0217 Nong Han | 0807 Na Mon | 1316 Sikhiu |
| 0218 Chaiwan | 0808 Khao Wong | 1317 Pak Chong |
| 0219 Si That | 0809 Kuchinarai | 1318 Pak Thong Chai |
| 0220 Wang Sam Ho | 0810 Huai Mek | 1319 Chok Chai |
| 0301 M. Nong Khai | 0811 Yang Talat | 1320 Khon Buri |
| 0302 Sangkhon | 0812 Kamalasai | 1321 Soeng Sang |
| 0303 Si Chiang Mai | 0813 Bong Kham | 1401 M. Buri Ran |
| 0304 Tha Bo | 0901 M. Roi Et | 1402 Phutthaisong |
| 0305 Phon Phisai | 0902 Pho Chai | 1403 Khu Muang |
| 0306 Pak Kad | 0903 Phon Thong | 1404 Satuk |
| 0307 So Phisai | 0904 Muayavadee | 1405 Krasang |
| 0308 Bung Kan | 0905 Nong Phok | 1406 Lam Phai Mat |
| 0309 Phon Charoen | 0906 Thavatchaburi | 1407 Nong Ki |
| 0310 Seka | 0907 Selaphum | 1408 Nang Kong |
| 0401 M. Sakon Nakhon | 0908 Chaturapak Piman | 1409 Pa Khom |
| 0402 Ban Huang | 0909 Huang Suang | 1410 Lahan Sai |
| 0403 Kham Ta Kia | 0910 At Samat | 1411 Prakhoo Chai |
| 0404 Sawang Daen Din | 0911 Pathum Rat | 1412 Ban Kruat |
| 0405 Wanon Niwat | 0912 Kaser Wisai | 1501 M. Surin |
| 0406 Akat Amuai | 0913 Suwannaphum | 1502 Chumphon Buri |
| 0407 Song Dao | 0914 Phanom Phrai | 1503 Tha Tum |
| 0408 Waritchaphum | 0915 Phon Sai | 1504 Chom Phra |
| 0409 Phang Khon | 1001 M. Yasothon | 1505 Sanoe |
| 0410 Nakhon Han Un | 1002 Sai Hum | 1506 Rattanaaburi |
| 0411 Phanna Nakhon | 1003 Kut Chum | 1507 Samrong Thap |
| 0412 Kusuman | 1004 Loeng Nok Tua | 1508 Sikhoraphum |
| 0413 Kut Bak | 1005 Pa Tiu | 1509 Lamduan |
| 0414 Tao Koi | 1006 Kham Khuan Lao | 1510 Sangkha |
| 0501 M. Nakhon Phanom | 1007 Maha Chana Chai | 1511 Prasat |
| 0502 Ban Phaeag | 1008 Kho Wang | 1512 Kap Choeng |
| 0503 Si Songkhram | 1101 M. Ubon Ratchathani | 1513 Bua Chet |
| 0504 Na Wa | 1102 Chanuman | 1601 M. Si Sa Ket |
| 0505 Tha Uthen | 1103 Khemaraj | 1602 Rasi Salai |
| 0506 Pia Pak | 1104 Senang Khanikhom | 1603 Yang Chum Noi |
| 0507 Renu Nakhon | 1105 Amnat Charoen | 1604 Kanthararom |
| 0508 Na Kae | 1106 Bua Thaphan | 1605 Uthumphon Phisai |
| 0509 That Phanoon | 1107 Khuang Nai | 1606 Huai Thap Than |
| 0510 Dong Luang | 1108 Muang Sam Sip | 1607 Praog Ku |
| 0511 Khamcha-I | 1109 Phana | 1608 Khukhan |
| 0512 Mukdahan | 1110 Kut Kaopun | 1609 Phrai Bung |
| 0513 Wan Yai | 1111 Trakan Phutphon | 1610 Khun Han |
| 0514 Nakhon Kham Soi | 1112 Talsum | 1611 Bung Boon |
| 0515 Don Tan | 1113 Si Muang Nai | 1612 Non Koon |
| 0601 M. Khon Kaen | 1114 Khong Chiam | 1613 Kantharak |
| 0602 Chumphae | 1115 Warin Chamrap | |
| 0603 Si Chomphu | 1116 Pibun Mungsahan | |
| 0604 Phu Wiang | 1117 Det Udon | |
| 0605 Nong Rua | 1118 Nan Yun | |
| 0606 Ban Fang | 1119 Na Chaluan | |
| 0607 Ubolratana | 1120 Buntarik | |
| 0608 Kaosuanwang | 1201 M. Chaiyaphum | |
| 0609 Nam Phong | 1202 Khon San | |



Appendix 4.1 ROAD LENGTH IN THE NORTHEASTERN REGION
(Under the jurisdiction of DOH)

(Kilometer)

Division	District	District Code	National Highway						Provincial Road			Total		
			Primary			Secondary			P	U-P	T	P	U-P	T
			P	U-P	T	P	U-P	T						
Lop Buri	Sara Buri	432	22.7	-	22.7	-	-	-	52.9	-	52.9	75.6	-	75.6
	Lam Na Rai	435	-	-	-	46.1	-	46.1	17.0	33.9	50.9	63.1	33.9	97.0
Phitsanulok	Phetchabun	515	-	-	-	20.7	-	20.7	65.7	80.7	146.4	50.8	116.3	167.1
Nakhon Ratchasima	Nakhon Ratchasima (I)	611	85.0	-	85.0	200.6	-	200.6	93.8	251.8	345.6	379.4	251.8	631.2
	Nakhon Ratchasima (II)	612	135.0	-	135.0	111.1	-	111.1	184.3	223.1	407.4	430.4	223.1	653.5
	Chaiyaphum	613	-	-	-	198.7	-	198.7	116.0	123.8	239.8	314.7	123.8	438.5
	Banphai	614	144.4	-	144.4	181.4	-	181.4	275.6	220.4	496.0	590.9	230.9	821.8
	Surin	615	87.0	-	87.0	160.1	-	160.1	149.8	348.5	498.3	396.9	348.5	745.4
	Buri Ram	617	60.0	-	60.0	169.6	-	169.6	209.6	228.9	438.5	439.2	228.9	668.1
Khon Kaen	Khon Kaen	621	70.5	7.5	78.0	62.6	1.3	63.9	145.6	185.7	331.3	278.7	194.5	473.2
	Loei	622	-	-	-	234.6	17.7	252.3	165.4	283.5	448.9	400.0	301.2	701.2
	Udon Thani	623	146.1	-	146.1	90.6	-	90.6	174.0	266.5	440.5	410.7	266.5	677.2
	Nong Khai	624	39.5	-	39.5	180.0	-	180.0	129.8	160.7	290.5	349.3	160.7	510.0
	Sakhon Nakhon	625	84.6	-	84.6	139.8	-	139.8	120.6	272.2	392.8	345.0	272.2	617.2
	Sawang Dan Din	628	69.8	-	69.8	203.7	-	203.7	93.3	362.5	455.8	366.8	362.5	729.3
	Chumpae	629	98.3	-	98.3	81.2	-	81.2	90.8	107.8	198.6	270.3	107.8	378.1
Ubon Ratchathani	Ubon Ratchathani	631	143.2	-	143.2	117.9	9.1	127.0	92.2	555.1	647.3	353.3	564.2	917.5
	Maha Sarakham	632	68.0	-	68.0	191.3	8.6	199.9	146.2	150.7	296.9	405.5	159.3	564.8
	Yasothon	633	148.5	-	148.5	225.2	-	225.2	102.3	259.3	361.6	476.0	259.3	735.3
	Amnat Charoen	634	-	-	-	174.3	1.2	175.5	37.5	296.1	333.6	211.8	297.3	509.1
	Nakhon Phanom	635	53.7	-	53.7	164.5	1.5	166.0	38.5	142.0	180.5	256.7	143.5	400.2
	Si Sa Ket	638	88.6	-	88.6	155.3	-	155.3	134.5	286.4	420.9	378.4	286.4	664.8
	Mukdahan	639	-	-	-	114.7	-	114.7	212.2	126.2	338.4	326.9	126.2	453.1
	Total			<u>1,544.9</u>	<u>7.5</u>	<u>1,552.4</u>	<u>3,224.0</u>	<u>39.4</u>	<u>3,263.4</u>	<u>2,847.6</u>	<u>4,965.8</u>	<u>7,813.4</u>	<u>7,616.5</u>	<u>5,012.7</u>

Notes : P = Paved
UP = Unpaved
T = Total

Appendix 4.2 ROADS COMMITTED/PLANNED TO IMPROVEMENT WITHIN FOURTH
HIGHWAY SECTOR DEVELOPMENT PLANS

PROJECTS IN THE NORTH-EASTERN REGION

I. IBRD-Provincial Roads Project

Route No.	Name	Length(Km)	Remarks
2009	Huai Mek - Tha Kan Tho	20.3	Under Const., DBST
2045	Roi-et - Wapipathum	36.8	Under Const., DBST
2079	Rattanakaburi - A.Sri Koraphum	41.7	Under Const., DBST
2085	Kantaraluk - Nong Ngu Leum	22.2	Under Const., DBST
2134	Amnat - Phana	26.2	Under Const., DBST
2146	Rt.2153 (Nong Bua Lampoo) - A. Non Sung	41.2	Under Const., DBST
2152	Kranaun - Chiang Yun	41.1	Under Const., SBST
2162	Rt.224 - A. Chakkarat	40.1	Under Const., AC
2167	Ban Trang Sawai - Prang Ku - Ban Pok	30.7	Under Const., DBST
2170	Rt.201 (Nong Bua Yai) - Nong Bua Rahaew	30.6	Under Const., DBST
2178	A. Warin Chamrab - Nong Ngu Leum	43.7	Under Const., AC
2217	Rt.201 (Dan Khun Thot) - Bannet Narong	29.4	Under Const., DBST
(2227)	Phanomphrai - Mahachanachai	23.8	Under Const., (F5)
(2234)	Samrongthab - Ban Pok	20.8	Under Const., (F5)
2237	Rt.208 (Kosumphisai) - Rt.2188 (Chiang Yun)	20.2	Under Const., SBST
(2262)	Rattanakaburi - Samrongthab	45.6	Under Const., (F5)
(2307)	Wanon Nivat - B. Sium	26.7	Under Const., (F5)
(2312)	Rt.22 (A. Nong Han) - B. Sum Sao	29.3	Under Const., (F6)

Routes in parentheses are laterite road.

II. ADB - III Loan

Route No.	Name	Length(Km)	Remarks
2044 2046	Roi-et - Kuchinarai	76.0	Under Const., Paved
2073	Lamplaimat - Nang Rong	43.0	Under Const., Paved

ADB - IV Loan

Route No.	Name	Length(Km)	Remarks
2037	Kaset Somboon - Nong Bua Daeng	35.0	Proposed for Paved Road (F4)
2049 2134	Muang Sam Sib - Phana - Trakanphutphon	47.5	Proposed for Paved Road (F4)
(2086)	Kooprabora - Bandan - Rasi Salai	47.4	(Laterite Road)
2094	Phannanikhom - Akatamnuaui	36.0	Proposed for Paved Road (F4)
2095	So Phisai - Pak Khat	34.0	Proposed for Paved Road (F4)
2118	Nang Rong - Pa Kam	24.0	Proposed for Paved Road (F4)
2133	Phuwiang - Siboonruang	36.0	Proposed for Paved Road (F4)
2162	Chakkarat - Huai Thalaeng	26.3	Proposed for Paved Road (F4)
2163	Phimai - Hindad	25.4	Proposed for Paved Road (F4)
2182	Det Udom - Boontarik	43.0	Proposed for Paved Road (F4)
2187	Nong Rua - Nong Waeng (Phukine)	37.0	Proposed for Paved Road (F4)
2263	Udon Thani - Kudchab	24.0	Proposed for Paved Road (F4)
2267	Phonphisai - Sophisai	48.0	Proposed for Paved Road (F4)

Appendix 4.2

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ADB - PRI 2000 Km

Route No.	Name	Length(Km)	Remarks
2046	Selaphum - Phon Thong	30.6	Under Study Proposed for Paved Road (F4)
2067	Nong Sung - Bang Wat	65.9	Under Study Proposed for Paved Road (F4)
2134	A. Trakan Phutphon - Khong Chiam	108.9	Under Study Proposed for Paved Road (F4)
2148 2068	Dan Khun Thot - Non Thai	44.5	Under Study Proposed for Paved Road (F4)
2168	Kanthararom - Rasi Salai	61.8	Under Study Proposed for Paved Road (F4)
2179	Chaturat - Bamnet Narong (B. Chuan)	21.3	Under Study Proposed for Paved Road (F4)
2180	B. Lahan - Ta Noen - Ban Khai	27.3	Under Study Proposed for Paved Road (F4)
2198	Khamthaleso - Khok Sung	23.7	Under Study Proposed for Paved Road (F4)
2210	B. Amnat - Hua Taphan - Nam Plik	37.6	Under Study Proposed for Paved Road (F4)
(2223)	Choompuang - Lam Plai Mat	41.2	(Laterite Road)

III. OECF - Productivity Stage II

Route No.	Name	Length(Km)	Remarks
2150	Non Thai - Kham Sakae Saeng	21.0	Under Const. (F4)
2235	Pak Chong - Nong Song Hong	22.0	Under Const. (F4)

OECF - Loan 10

Route No.	Name	Length(km)	Remarks
2091 2092	Rt.22 (Sawang Dan Din) - Khok Si - Kud Rua Kam - Rt.222 (Nong Waeng)	59.0	Under Study Proposed for Paved Road (F4)
2108	Rt.201 (That Chom Sri) - Chiang Khlom - Pak Chom	63.0	Under Study Proposed for Paved Road (F4)
2132	Rt.22 (Tanae) - Sri Song Kram	37.0	Under Study Proposed for Paved Road (F4)
2138	Fak Loei - Na Duang	34.0	Under Study Proposed for Paved Road (F4)
2177	Akatamnuaui - Sri Song Kram	33.0	Under Study Proposed for Paved Road (F4)
2247	Pak Chong - Lam Som Phung	22.0	Under Study Proposed for Paved Road (F4)

IV. DOH Budget

Route No.	Name	Length(km)	Remarks
<u>Khon Kaen Mechanical Training Centre</u>			
12	Khon Kaen - Chum Pae	80.0	Under Const., Overl
209	Khon Kaen - Chiang Yun - Yang Talat	58.6	Under Const., Overl
2093	Warinchaphum - Tat Phu Wong - Na Rai Dieo - Wang Sam Mo	110.0	Under Const., (F4)
2096	Nong Mek - Ban Dung - Mae Nam Song Kram - B. Mai - B. Muang - Khamtakra	116.6	Under Const., (F4)
2239	Sri That - Nang Lak - Chaiwan - Ban Tong	53.0	Under Const., (F4)

Maha Sarakham Mechanical Centre

Route No.	Name	Length (Km)	Remarks
219	Payakkhaphum Phisai - Na Chiak - Borabue *	69.2	Under Const.
2136	Phon Thonb - Nong Pok - Loeng Nok Tha	70.1	Under Const. (F4)

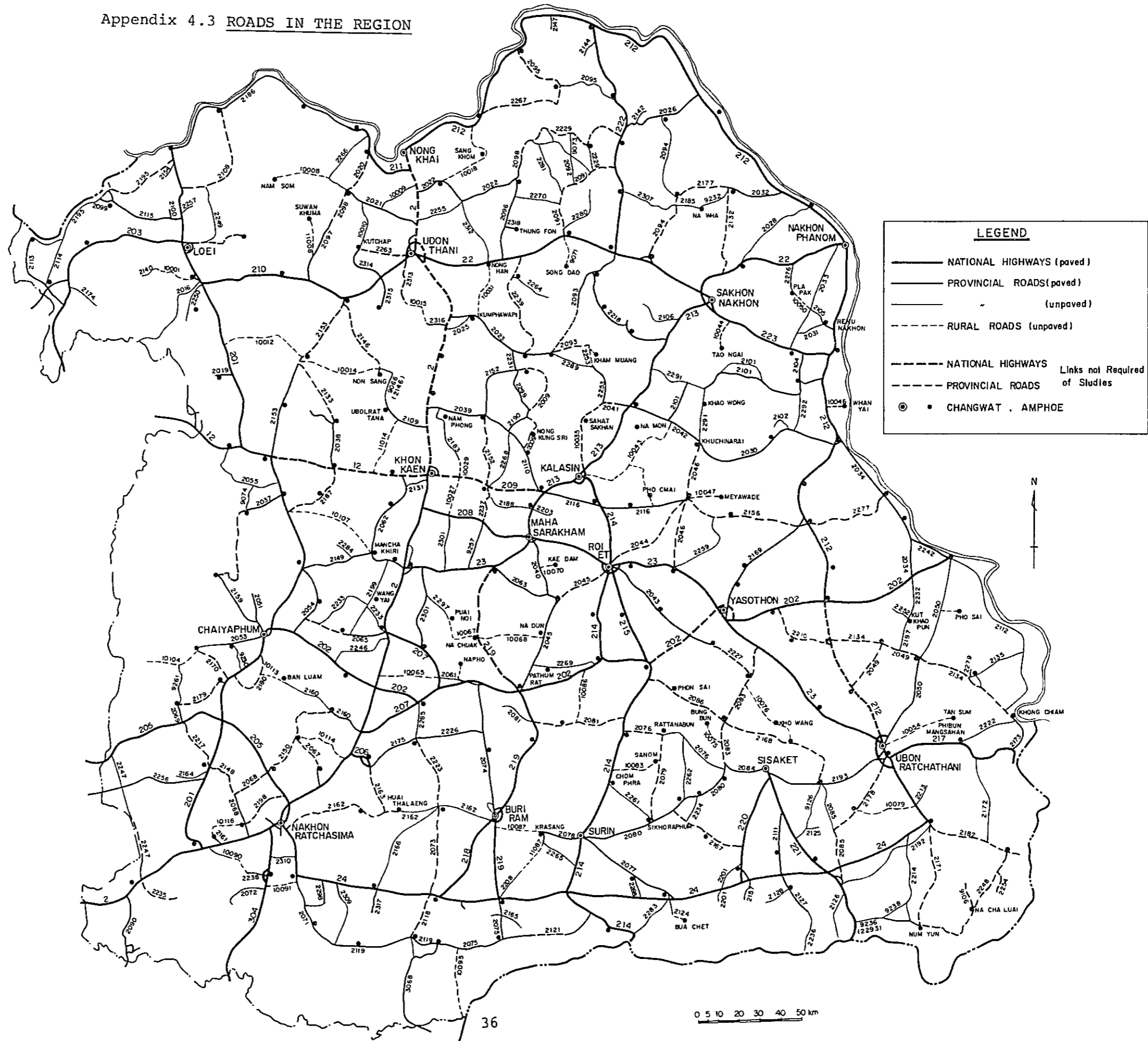
5 Year PlanNational Highways

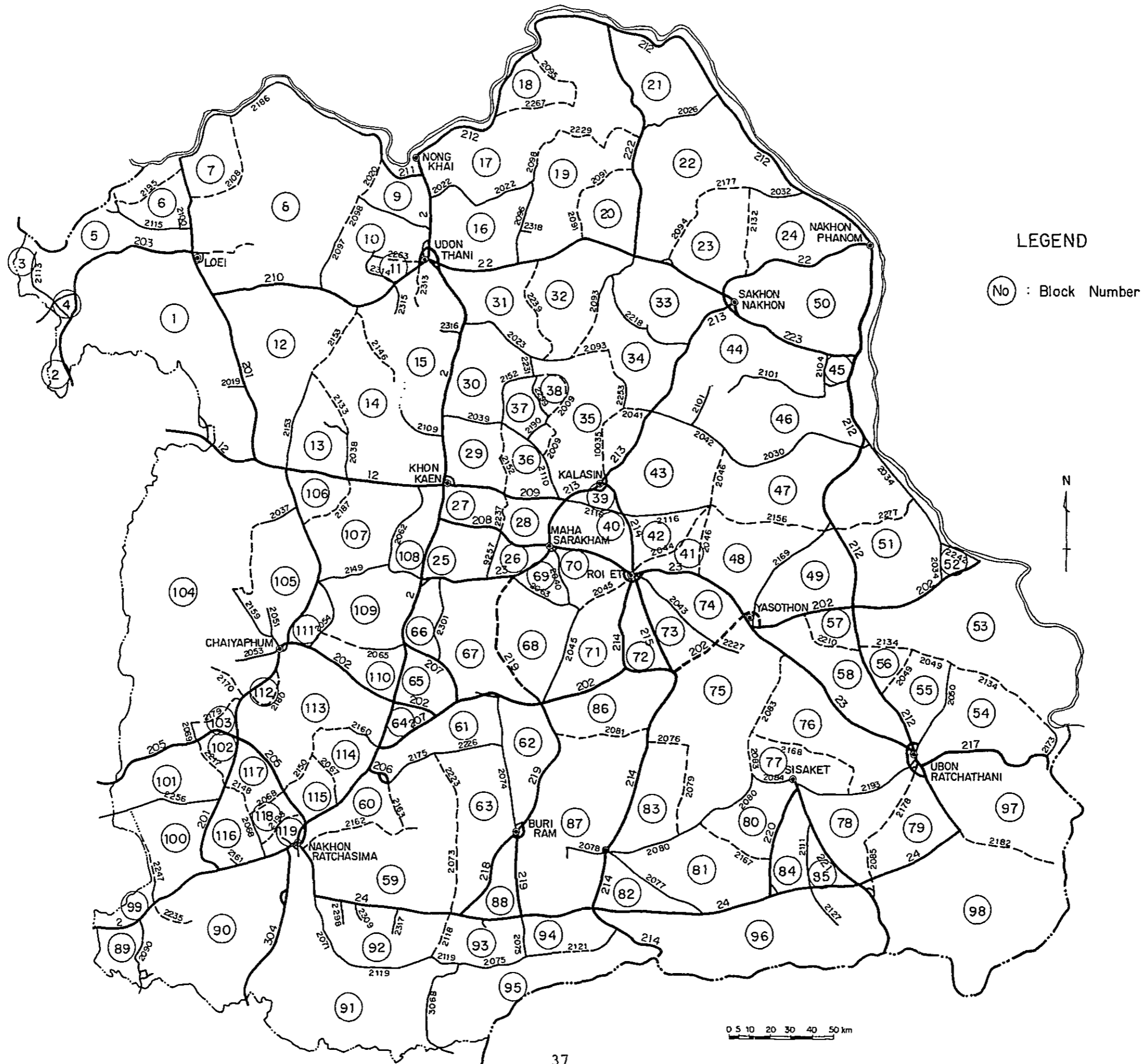
Route No.	Name	Length (Km)	Remarks
2	Khon Kaen - Udonthani - Nong Khai	126.0	Under Bidding, Overlay
201	Chaiyaphum Bypass	6.5	Under Const.
202	Suwannaphum - Yasothon	29.5	Under Const.
212	Ubon Ratchathani - Amnat Charoen	56.0	Under Const., Overlay

Provincial Roads

Route No.	Name	Length (Km)	Remarks
2020	Tha Bo - Ban Pue	23.0	Under Const., (F4)
2065	Phon - Thanangnaew - Lam Chi (Section II)	22.0	Under Const., (F4)
2076	Tha Tum - Rattanaaburi	18.6	Under Const., (F4)
2081	Tha Tum - Banphohi	45.3	Under Const., (F4)
2083	Uthumphon Phisai - Kham Khium Kaew (Section II)	42.0	Under Const., (F4)
2098	Na Kham Hi - Ban Pue (Section IV)	15.0	Under Const., (F4)
2153	Nong Bua Lam Phu - Chum Pae (Section II)	41.0	Under Const., (F4)
2195	Nong Pue - Chiang Khan	50.0	Under Const., (F4)

Appendix 4.3 ROADS IN THE REGION





Appendix 5.2 将来人口及びG R P

1. 人 口

1981年における東北地方の総人口は16,393,000人で、1977年から1981年間の年平均増加率は2.0%である。将来人口はNSOにおいて推計が行われており1980年から1985年、1985年から1990年及び1990年から1995年間の年平均増加率は、それぞれ2.0%、1.4%、1.3%となっている。1995年以降の年平均増加率は、全国の増加率を除いて1980年から1995年間のトレンドを基に本調査団が推計を行った。地方別の人口増加率は次表の通りである。

AVERAGE ANNUAL GROWTH RATE OF POPULATION BY REGION (1980 - 2005)

	(percent per year)				
	1980-1985	1985-1990	1990-1995	1995-2000 ^{1/}	2000-2005 ^{1/}
Whole Kingdom	2.0	1.5	1.5	1.4	1.2
Bangkok-Thonburi	3.4	2.7	2.6	2.4	2.2
Central	1.7	1.4	1.4	1.3	1.1
Northeast	2.0	1.4	1.3	1.2	1.1
North	1.5	1.1	1.1	1.0	1.0
South	1.9	1.4	1.3	1.2	1.1

^{1/} : Team projection except Whole Kingdom

Source: NSO

優先ブロックの選定の根拠となる1993年における郡別人口は以下のような方法により推計を行った。

- 東北地方の総人口は、NSOの人口増加率を用いて推計した。
- 次に、県別の人口は、過去のトレンドと農業ポテンシャルを考慮して推計を行い、東北地方の総人口をコントロール・トータルとして修正を行った。
- 更に、郡別の人口は県別人口の推計と同様に過去のトレンドと農業ポテンシャルを考慮して推計を行い、各県の人口をコントロール・トータルとして修正を行った。東北地方の総人口及び県別、郡別人口は以下の通りである。

POPULATION PROJECTION BY REGION

(Thousand)

	1981 ^{1/}	1987	1993	2001
Whole Kingdom	47,875 (1.7)	52,895 (1.5)	57,890 (1.4)	64,584
Bangkok-Thonburi	5,332 (3.0)	6,376 (2.7)	7,477 (2.4)	9,071
Central	10,501 (1.5)	11,453 (1.4)	12,481 (1.3)	13,860
Northeast	16,393 (1.7)	18,092 (1.4)	19,656 (1.2)	21,680
North	9,714 (1.2)	10,450 (1.1)	11,187 (1.0)	12,155
South	5,935 (1.6)	6,524 (1.4)	7,089 (1.2)	7,818

^{1/} : Actual data from NSO

Figures in parenthesis show average annual growth rate.

Source : Team projection except Whole Kingdom

POPULATION PROJECTION BY CHANGWAT

	1987	(1981 1987)	1993	(1987 1993)	2001	(1993 2001)
NORTHEASTERN	18,092,000	(1.7)	19,656,000	(1.4)	21,680,000	(1.2)
0100 LOEI	534,300	(2.4)	601,000	(2.0)	687,600	(1.7)
0200 UDON THANI	1,614,300	(1.5)	1,741,800	(1.3)	1,907,000	(1.1)
0300 NONG KHAI	783,200	(2.1)	869,700	(1.8)	981,500	(1.5)
0400 SAKHON NAKHON	857,300	(1.4)	919,200	(1.2)	999,400	(1.1)
0500 NAKOHN PHANOM	854,400	(1.7)	927,500	(1.4)	1,022,100	(1.2)
0600 KHON KAEN	1,539,700	(1.7)	1,683,000	(1.4)	1,868,400	(1.2)
0700 MAHA SARAKHAM	840,400	(1.4)	901,300	(1.2)	980,200	(1.1)
0800 KALASIN	843,400	(1.5)	910,900	(1.3)	998,300	(1.2)
0900 ROI ET	1,151,300	(1.1)	1,220,100	(1.0)	1,309,200	(0.9)
1000 YASOTHON	499,800	(1.2)	531,600	(1.0)	572,800	(0.9)
1100 UBON RATCHATHANI	1,768,800	(1.8)	1,929,200	(1.5)	2,139,300	(1.3)
1200 CHAIYAPHUM	963,300	(1.7)	1,047,000	(1.4)	1,155,500	(1.2)
1300 NAKHON RATCHASIMA	2,130,000	(1.5)	2,295,000	(1.3)	2,509,000	(1.1)
1400 BURI RAM	1,298,200	(1.9)	1,427,700	(1.6)	1,595,300	(1.4)
1500 SURIN	1,205,600	(2.1)	1,341,300	(1.8)	1,516,800	(1.5)
1600 SI SA KET	1,210,000	(1.6)	1,309,600	(1.3)	1,437,600	(1.2)

Figures in parenthesis show annual average growth rate.

AMPHOE IN THE REGION

- | | | |
|-----------------------|--------------------------|---------------------------|
| 0101 M. Loei | 0610 Kranuan | 1203 Kaset Sombun |
| 0102 Tha Li | 0611 Phra Yun | 1204 Phu Khieo |
| 0103 Chiang Khan | 0612 Mancha Khiri | 1205 Ban Thae |
| 0104 Pak Chom | 0613 Ban Phai | 1206 Kaeng Khio |
| 0105 Na Duang | 0614 Chonnabot | 1207 Khon Sawan |
| 0106 Na Haeo | 0615 Waeng Yai | 1208 Nong Bua Daeng |
| 0107 Dan Sai | 0616 Waeng Noi | 1209 Nong Bua Rahueo |
| 0108 Phu Rua | 0617 Phon | 1210 Ban Khwao |
| 0109 Wang Saphung | 0618 Nong Song Hun | 1211 Thep Sati |
| 0110 Phu Kradung | 0619 Phouy Noi | 1212 Bamnet Narong |
| 0201 M. Udon Thani | 0701 M. Maha Sarakham | 1213 Chatturat |
| 0202 Nam Som | 0702 Chiang Yun | 1301 M. Nakhon Ratchasima |
| 0203 Suwannakhuha | 0703 Kosum Phisai | 1302 Bua Yai |
| 0204 Ban Phu | 0704 Kantharawichai | 1303 Ban Luam |
| 0205 Kut Chap | 0705 Borabu | 1304 Khong |
| 0206 Phea | 0706 Kae Dam | 1305 Kham Sakae Saeng |
| 0207 Sang Khom | 0707 Na Chuak | 1306 Non Sung |
| 0208 Ban Dung | 0708 Wapi Pathum | 1307 Phimai |
| 0209 Thung Fon | 0709 Na Dun | 1308 Prathai |
| 0210 Na Kiang | 0710 Phayakkhaphum Pisai | 1309 Chum Phuang |
| 0211 Si Bun Ruang | 0801 M. Kalasin | 1310 Huai Thalaeng |
| 0212 Nong Bua Lam Phu | 0802 Tha Khantho | 1311 Chakkaraj |
| 0213 Non Sang | 0803 Nong Kung Si | 1312 Dan Khun Thot |
| 0214 Nong Wua So | 0804 Khom Muang | 1313 Non Thai |
| 0215 Non Sa-At | 0805 Sahatsakhan | 1314 Kham Thalee So |
| 0216 Kumphawapi | 0806 Somdet | 1315 Sung Noen |
| 0217 Nong Han | 0807 Na Mon | 1316 Sikhiu |
| 0218 Chaiwan | 0808 Khao Wong | 1317 Pak Chong |
| 0219 Si That | 0809 Kuchinarai | 1318 Pak Thong Chai |
| 0220 Wang Sam Mo | 0810 Huai Mek | 1319 Chok Chai |
| 0301 M. Nong Khai | 0811 Yang Talat | 1320 Khon Buri |
| 0302 Sangkhom | 0812 Kamalalai | 1321 Soeng Sang |
| 0303 Si Chiang Mai | 0813 Rong Kham | 1401 M. Buri Ram |
| 0304 Tha Bo | 0901 M. Roi Et | 1402 Phutthaisong |
| 0305 Phon Phisai | 0902 Pho Chai | 1403 Khu Muang |
| 0306 Pak Kad | 0903 Phon Thong | 1404 Satuk |
| 0307 So Phisai | 0904 Muayawadee | 1405 Krasang |
| 0308 Bung Kan | 0905 Nong Phok | 1406 Lam Plai Mat |
| 0309 Phon Charoen | 0906 Thawatchaburi | 1407 Nong Ki |
| 0310 Seka | 0907 Selaphum | 1408 Nang Rong |
| 0401 M. Sakon Nakhon | 0908 Chaturapak Piman | 1409 Pa Khom |
| 0402 Ban Muang | 0909 Muang Suang | 1410 Lahan Sai |
| 0403 Kham Ta Kla | 0910 At Samat | 1411 Prakhon Chai |
| 0404 Sawang Daen Din | 0911 Pathum Rat | 1412 Ban Kruat |
| 0405 Wanon Niwat | 0912 Kaset Wisai | 1501 M. Surin |
| 0406 Akat Amuai | 0913 Suwannaphum | 1502 Chumphon Buri |
| 0407 Song Dao | 0914 Phanom Phrai | 1503 Tha Tum |
| 0408 Waritchaphum | 0915 Phon Sai | 1504 Chom Phra |
| 0409 Phang Khon | 1001 M. Yasothon | 1505 Sanom |
| 0410 Nikhom Nam Un | 1002 Sai Mun | 1506 Rattanaaburi |
| 0411 Phanna Nikhom | 1003 Kut Chum | 1507 Samrong Thap |
| 0412 Kusuman | 1004 Loeng Nok Tha | 1508 Sikhoraphum |
| 0413 Kut Bak | 1005 Pa Tiu | 1509 Lamduan |
| 0414 Tao Koi | 1006 Kham Khuang Kaeo | 1510 Sangkha |
| 0501 M. Nakhon Phanom | 1007 Maha Chana Chai | 1511 Prasat |
| 0502 Ban Phaeng | 1008 Kho Wang | 1512 Kap Choeng |
| 0503 Si Songkhran | 1101 M. Udon Ratchathani | 1513 Bua Chet |
| 0504 Na Wa | 1102 Chanuman | 1601 M. Si Sa Ket |
| 0505 Tha Uthen | 1103 Khemaraj | 1602 Rasi Salai |
| 0506 Pla Pak | 1104 Senang Khanikhom | 1603 Yang Chum Noi |
| 0507 Reau Nakhon | 1105 Amnat Charoen | 1604 Kanthararon |
| 0508 Na Kae | 1106 Hua Thaphan | 1605 Uthumphon Phisai |
| 0509 That Phanom | 1107 Khuang Nai | 1606 Huai Thap Than |
| 0510 Dong Luang | 1108 Muang Samsip | 1607 Prang Ku |
| 0511 Khamcha-I | 1109 Phana | 1608 Khukhan |
| 0512 Mukdahan | 1110 Kut Kaopun | 1609 Phrai Bung |
| 0513 Wan Yai | 1111 Trakan Phurphon | 1610 Khun Han |
| 0514 Nikhom Kham Soi | 1112 Talsum | 1611 Bung Boon |
| 0515 Don Tan | 1113 Si Muang Mai | 1612 Non Koon |
| 0601 M. Khon Kaen | 1114 Khong Chiam | 1613 Kantharak |
| 0602 Chumphae | 1115 Warin Chamrap | |
| 0603 Si Chomphu | 1116 Pibun Mungsahan | |
| 0604 Phu Wiang | 1117 Det Udom | |
| 0605 Nong Rua | 1118 Nam Yun | |
| 0606 Ban Fang | 1119 Na Chaluai | |
| 0607 Ubolratana | 1120 Buncharik | |
| 0608 Kaosuankwang | 1201 M. Chalyaphum | |
| 0609 Nam Phong | 1202 Khon San | |



POPULATION BY AMPHOE

	1977	1978	1979	1980	1981
0100 LOEI	413,537	421,994	441,127	449,535	463,090
0101 M. Loei	84,271	85,701	89,709	91,159	76,452
0102 Tha Li	20,483	20,797	21,032	21,230	21,587
0103 Chiang Khan	44,063	44,183	44,585	45,210	45,660
0104 Pak Chom	18,998	19,299	24,718	25,623	26,842
0105 Na Duang	14,615	14,834	16,205	16,534	17,064
0106 Na Haeo	8,014	7,994	8,130	8,317	8,533
0107 Dan Sai	32,761	33,025	33,834	34,345	34,774
0108 Phu Rua	14,210	14,396	14,606	14,855	15,103
0109 Wang Saphung ^{1/}	123,529	126,690	129,883	131,997	134,089
0110 Phu Kradung	52,593	55,075	58,425	60,265	62,936
0200 UDON THANI	1,370,598	1,400,730	1,429,128	1,448,066	1,474,736
0201 M. Udon Thani	297,628	302,020	306,764	311,428	315,269
0202 Nam Som	36,680	39,151	40,565	43,015	45,458
0203 Suwannakhuha	32,665	35,461	36,959	37,587	38,876
0204 Ban Phu	72,001	72,878	73,455	74,103	25,256
0205 Kut Chap	44,554	44,826	45,314	45,769	45,822
0206 Phen	68,172	69,847	71,366	76,467	78,358
0207 Sang Khom	19,344	19,479	19,621	19,847	19,919
0208 Ban Dung	67,487	69,127	70,943	71,013	71,417
0209 Thung Fon	17,966	18,995	19,819	20,277	20,896

^{1/} : Including King Amphoe Phu Luang in 1980, 1981

	1977	1978	1979	1980	1981
0210 Na Klang	75,540	76,445	78,619	80,157	82,372
0211 Si Bun Ruang	85,312	86,757	88,103	89,406	91,803
0212 Nong Bua Lam Phu	99,658	100,231	101,325	101,807	102,459
0213 Non Sang	58,925	59,263	59,435	59,515	59,944
0214 Nong Wua So	46,367	46,605	46,968	42,294	42,619
0215 Non Sa-At	31,413	36,884	37,408	37,983	49,209
0216 Kumphawapi ^{1/}	129,546	132,052	137,458	137,780	141,921
0217 Nong Han	115,015	117,026	119,577	122,221	123,539
0218 Chaiwan	24,444	24,703	25,011	25,438	25,826
0219 Si That	29,895	30,246	30,543	30,662	31,086
0220 Wang Sam Mo	17,986	18,734	19,875	21,298	22,637
0300 NONG KHAI	622,519	641,831	661,090	673,884	689,427
0301 M. Nong Khai	126,319	128,730	133,662	134,462	137,250
0302 Sangkhom	11,917	12,540	12,974	13,637	14,295
0303 Si Chiang Mai	30,551	30,283	31,388	30,644	30,682
0304 Tha Bo	64,019	64,888	66,118	66,873	67,973
0305 Phon Phisai	139,983	122,836	127,091	131,220	135,361
0306 Pak Kad	-	25,019	25,984	26,510	26,959
0307 So Phisai	52,434	54,717	57,046	58,171	60,642
0308 Bung Kan	95,141	97,372	98,590	102,152	103,695
0309 Phon Charoen	30,011	30,518	32,096	31,625	32,300
0310 Seka	72,144	74,928	76,141	78,590	80,270

^{1/} : Including King Amphoe Nong Sang in 1981

	1977	1978	1979	1980	1981
0400 SAKHON NAKHON	738,042	753,454	765,620	776,510	789,394
0401 M. Sakhon Nakhon ^{1/}	196,301	177,540	181,255	185,347	189,160
0402 Ban Muang	33,541	34,668	35,229	36,600	38,670
0403 Kham Ta Kla	16,722	21,158	21,553	22,356	22,653
0404 Sawang Daen Din	136,505	137,536	138,187	139,817	139,230
0405 Wanon Niwat	76,406	77,467	79,221	81,571	83,509
0406 Akat Amnuai	44,848	45,686	46,659	47,746	48,792
0407 Song Dao	20,418	20,586	20,897	21,260	21,532
0408 Waritchaphum	44,881	44,818	44,846	38,802	38,221
0409 Phang Khon	40,158	40,796	41,299	41,984	43,055
0410 Nikhom Nam Un	8,406	8,946	9,210	9,460	9,531
0411 Phanna Nikhom	57,284	58,180	59,597	61,319	62,327
0412 Kusuman	29,525	30,125	30,759	31,535	32,144
0413 Kut Bak	33,047	33,718	34,310	35,740	37,134
0414 Tao Koi	-	22,230	22,598	22,973	23,436
0500 NAKHON PHANOM	717,256	730,052	745,390	769,319	770,020
0501 M. Nakhon Phanom	111,228	113,135	115,248	117,189	118,422
0502 Ban Phaeng	30,664	31,647	32,474	33,385	34,484
0503 Si Songkhram	40,498	41,275	42,215	43,366	44,288
0504 Na Wa	34,638	35,297	35,920	36,524	37,065
0505 Tha Uthen	73,590	75,302	77,390	79,555	81,476
0506 Pla Pak	32,703	33,577	34,488	35,306	36,103
0507 Renu Nakhon	32,713	33,131	33,732	34,265	34,710

^{1/} : Including King Amphoe Khok Si Sumpnan in 1981

	1977	1978	1979	1980	1981
0508 Na Kae	71,020	71,774	72,910	73,901	74,901
0509 That Phanom	71,032	72,036	73,074	73,886	74,886
0510 Dong Luang	15,828	16,276	16,893	17,476	18,059
0511 Khamcha-I	54,225	54,818	55,910	56,867	57,824
0512 Mukdahan	83,067	84,169	85,787	87,525	88,263
0513 Wan Yai	12,653	12,815	13,132	13,444	13,756
0514 Nikhom Kham Soi	27,451	28,101	28,692	29,210	29,728
0515 Don Tan	25,946	26,699	27,525	28,420	29,315
0600 KHON KAEN	1,264,990	1,313,330	1,328,835	1,354,855	1,384,875
0601 M. Khon Kaen	230,340	237,443	235,678	252,309	261,311
0602 Chumphae ^{1/}	102,382	103,575	101,039	103,548	105,051
0603 Si Chomphu	47,200	48,873	50,140	52,000	53,867
0604 Phu Wiang	86,833	92,057	93,203	94,219	95,235
0605 Nong Rua	72,260	74,191	75,912	76,920	77,928
0606 Ban Fang	38,815	47,937	48,008	48,858	49,708
0607 Ubolratana	33,350	33,711	34,224	34,891	35,558
0608 Kaosuankwang	-	25,615	27,475	27,983	28,491
0609 Nam Phong	99,489	84,861	86,226	87,787	89,348
0610 Kranuan	68,810	71,278	74,700	77,174	79,648
0611 Phra Yun	27,928	28,336	28,649	29,073	29,497
0612 Mancha Khiri	80,638	81,618	82,247	83,749	85,251
0613 Ban Phai	130,974	132,877	123,679	125,930	128,181
0614 Chonnabot	43,843	43,494	43,571	44,199	44,827
0615 Waeng Yai	24,638	22,449	25,934	26,160	26,386

^{1/} : Including King Amphoe Phu Pha Man in 1981

	1977	1978	1979	1980	1981
0616 Waeng Noi	36,788	37,263	37,736	38,043	38,437
0617 Phon	72,161	73,372	74,454	75,065	75,389
0618 Nong Song Hong	55,619	57,927	59,273	59,881	60,501
0619 Phouy Noi	12,922	16,453	16,687	17,066	17,389
0700 MAHA SARAKHAM	723,954	734,802	751,657	764,509	770,957
0701 M. Maha Sarakham	107,344	108,597	111,937	114,111	116,150
0702 Chiang Yun	72,371	73,329	74,508	75,285	76,245
0703 Kosum Phisai	93,961	94,961	95,679	96,603	97,335
0704 Kantharawichai	65,351	65,650	66,172	66,645	67,213
0705 Borabu	111,494	113,688	116,032	118,724	120,473
0706 Kae Dam	24,409	24,843	25,095	25,373	25,635
0707 Na Chuak	44,873	45,696	47,710	48,771	49,801
0708 Wapi Pathum	84,391	85,821	91,189	92,411	93,510
0709 Na Dun	28,865	29,670	30,053	30,324	30,588
0710 Phayakkhaphum Pisai	90,895	92,547	93,282	96,262	94,007
0800 KALASIN	717,938	728,629	741,969	755,274	772,108
0801 M. Kalasin	123,992	126,553	129,277	131,790	134,448
0802 Tha Khantho	19,952	21,414	22,330	23,504	24,408
0803 Nong Kung Si	32,560	33,298	34,337	35,763	39,487
0804 Khom Muang	56,408	57,035	58,270	59,598	61,335
0805 Sahatsakhan	31,808	32,001	32,118	32,668	33,215
0806 Somdet	44,988	45,549	46,235	46,808	47,578
0807 Na Mon	27,906	28,413	29,048	29,781	30,649

	1977	1978	1979	1980	1981
0808 Khao Wong	58,611	59,342	60,119	60,808	61,186
0809 Kuchinarai ^{1/}	96,061	97,446	98,986	100,628	102,560
0810 Huai Mek	36,373	36,804	37,816	38,446	39,225
0811 Yang Talat	99,050	100,236	102,329	103,782	105,518
0812 Kamalasai	77,748	77,841	78,310	78,729	79,296
0813 Rong Kham	12,581	12,697	12,794	12,969	13,200
0900 ROI ET	1,016,661	1,034,234	1,044,411	1,061,085	1,075,457
0901 M. Roi Et	179,369	183,642	186,760	190,341	189,937
0902 Pho Chai	41,323	41,934	42,995	43,851	44,528
0903 Phon Thong	105,471	83,652	85,242	86,852	87,942
0904 Muayawadee	-	19,203	19,536	19,654	20,207
0905 Nong Phok	40,414	41,798	42,871	43,969	44,882
0906 Thawatchaburi	98,685	99,973	100,230	101,405	102,014
0907 Selaphum	105,090	106,130	107,313	109,202	110,735
0908 Chaturapak Piman	66,190	70,761	72,378	73,063	73,945
0909 Muang Suang	19,586	19,691	18,467	18,603	18,629
0910 At Samat	57,976	58,149	59,098	60,004	60,682
0911 Pathum Rat	42,796	43,423	44,075	44,368	44,510
0912 Kaset Wisai	76,957	78,970	78,046	79,699	81,114
0913 Suwannaphum	81,413	84,040	85,823	87,795	88,843
0914 Phanom Phrai	83,314	84,461	82,973	83,178	84,159
0915 Phon Sai	18,077	18,407	18,604	19,101	23,330

^{1/} : Including King Amphoe Huai Phung in 1981

	1977	1978	1979	1980	1981
1000 YASOTHON	438,426	444,468	451,901	458,535	464,419
1001 M. Yasothon	109,582	111,403	113,002	114,518	115,663
1002 Sai Mun	24,056	29,291	29,657	30,058	30,295
1003 Kut Chum	56,626	52,584	53,400	54,300	55,172
1004 Loeng Nok Tha	87,154	88,699	89,992	91,424	92,780
1005 Pa Tiu	24,919	25,362	27,809	28,352	28,841
1006 Kham Khuan Kaeo	62,885	63,169	62,926	63,589	64,511
1007 Maha Chana Chai	50,316	50,833	51,501	52,327	52,922
1008 Kho Wang	22,888	23,127	23,614	23,967	24,235
1100 UBON RATCHATHANI	1,461,413	1,498,922	1,530,941	1,560,272	1,589,995
1101 M. Ubon Ratchathani	183,122	195,438	198,164	202,549	207,055
1102 Chanuman	26,401	26,784	27,406	28,249	29,073
1103 Khemaraj ^{1/}	104,440	105,394	106,662	108,519	110,159
1104 Senang Khanikhom	29,308	31,090	31,872	32,386	32,607
1105 Amnat Charoen	121,278	122,996	124,980	126,740	126,799
1106 Hua Thaphan	41,666	42,091	42,782	43,571	44,183
1107 Khuang Nai	91,125	92,059	93,054	94,400	95,580
1108 Muang Samsip	64,466	65,958	68,180	69,831	71,307
1109 Phana	48,538	48,826	49,504	49,758	50,181
1110 Kut Kaopun	29,796	30,059	30,511	30,838	31,139
1111 Trakan Phutphon	90,343	91,262	92,247	93,561	96,529
1112 Talsum	-	23,618	24,084	24,516	24,808

^{1/} : Including King Amphoe Po Sai in 1981

	1977	1978	1979	1980	1981
1113 Si Muang Mai	43,083	43,739	33,338	45,302	46,419
1114 Khong Chiam	22,693	23,409	24,187	24,753	25,172
1115 Warin Chamrap	182,526	185,027	188,503	190,490	192,780
1116 Pibun Mangsahan	131,840	110,325	110,111	112,307	115,663
1117 Det Udom	132,851	139,188	147,610	151,821	155,172
1118 Nam Yun	47,160	48,896	50,505	52,342	55,172
1119 Na Chaluai	24,123	25,321	26,275	27,699	30,295
1120 Buntharik	46,654	47,342	49,856	50,640	55,172
1200 CHAIYAPHUM	803,411	827,104	839,384	857,692	871,419
1201 M. Chaiyophum	143,371	148,324	153,058	156,758	160,459
1202 Khon San	49,992	48,920	43,656	44,305	45,172
1203 Kaset Sombun	82,157	83,551	84,822	86,090	87,419
1204 Phu Khieo	93,450	94,287	95,204	96,217	97,230
1205 Ban Thaen	37,177	38,393	38,206	38,665	39,124
1206 Kaeng Khlo	67,829	68,877	70,637	72,015	73,393
1207 Khon Sawan	46,524	46,945	47,761	48,338	48,915
1208 Nong Bua Daeng	66,581	69,376	71,545	76,474	78,643
1209 Nong Bua Rahueo	-	18,300	19,222	20,198	21,174
1210 Ban Khwao	42,635	45,443	46,130	46,636	47,142
1211 Thep Satit	20,818	28,191	31,165	33,017	34,869
1212 Bamnet Narong	44,841	45,312	45,712	46,174	46,636
1213 Chatturat	108,036	91,185	92,266	92,775	93,284

	1977	1978	1979	1980	1981
1300 NAKHON RATCHASIMA	1,816,462	1,851,907	1,886,192	1,916,681	1,949,966
1301 M. Nakhon Ratchasima	287,365	294,418	301,869	306,518	314,625
1302 Bua Yai	153,975	155,126	156,771	156,942	156,397
1303 Ban Luam	20,232	20,436	20,240	20,278	20,363
1304 Khong	73,966	74,677	73,786	74,441	74,834
1305 Kham Sakae Saeng	41,183	41,620	41,835	41,978	42,010
1306 Non Sung	97,748	99,068	100,653	101,840	103,028
1307 Phimai	92,230	94,070	95,491	96,794	97,382
1308 Prathai	90,731	91,150	91,784	92,461	92,618
1309 Chum Phuang	101,924	103,211	104,792	106,670	107,715
1310 Huai Thalaeng	43,511	44,593	45,715	46,958	47,628
1311 Chakkaraj	78,290	80,236	82,155	83,931	85,737
1312 Dan Khun Thot	94,340	95,954	98,084	99,689	102,195
1313 Non Thai	100,541	101,170	100,287	101,063	102,055
1314 Kham Thalae So	22,712	23,147	23,541	23,783	24,195
1315 Sung Noen	53,895	55,109	55,400	56,195	56,788
1316 Sikhui	74,275	77,451	79,154	81,083	84,310
1317 Pak Chong	109,659	112,198	115,700	118,885	121,393
1318 Pak Thong Chai	101,057	104,682	107,112	109,534	112,225
1319 Chok Chai	82,503	84,090	85,743	87,850	90,700
1320 Khon Buri	63,367	64,767	69,021	70,572	72,498
1321 Soeng Sang	32,958	34,744	37,149	39,216	41,270

	1977	1978	1979	1980	1981
1400 BURI RAM	1,058,911	1,084,430	1,107,818	1,132,980	1,160,401
1401 M. Buri Ram	191,968	196,431	198,768	202,842	205,840
1402 Phutthaisong ^{1/}	87,273	88,895	90,239	92,138	93,541
1403 Khu Muang	47,195	47,500	47,418	47,332	47,814
1404 Satuk	105,178	107,331	109,919	111,351	112,821
1405 Krasang	62,296	65,361	67,766	69,051	71,644
1406 Lam Plai Mat ^{2/}	127,560	131,624	134,007	139,834	143,781
1407 Nong Ki	47,334	50,437	51,228	51,798	51,960
1408 Nang Rong	129,988	132,520	135,754	137,954	140,620
1409 Pa Khom	-	23,205	24,471	25,387	26,068
1410 Lahan Sai	81,781	60,048	61,864	65,100	69,290
1411 Prakhon Chai	128,368	130,466	133,020	135,295	138,000
1412 Ban Kruat	50,059	50,612	52,764	54,898	59,023
1500 SURIN	962,019	981,115	1,001,075	1,035,577	1,064,680
1501 M. Surin	218,599	221,715	225,004	227,853	230,211
1502 Chumphon Buri	46,573	48,825	49,996	50,948	51,347
1503 Tha Tum	73,361	74,512	75,504	77,870	89,350
1504 Chom Phra	48,445	49,230	60,015	50,443	51,108
1505 Sanom	38,467	39,280	39,752	40,553	41,010
1506 Rattanaaburi	101,621	103,685	104,709	106,704	108,500
1507 Samrong Thap	35,213	35,936	36,428	37,136	37,868
1508 Sikhoraphum	106,468	108,482	110,317	111,841	113,900

^{1/} : Including King Amphoe Si Ratana in 1981

^{2/} : Including King Amphoe Nong Hong in 1981

	1977	1978	1979	1980	1981
1509 Lamduan	17,165	16,017	18,890	19,359	20,166
1510 Sangkha	135,332	118,989	105,484	108,394	112,004
1511 Prasat	101,190	103,811	106,314	123,944	126,750
1512 Kap Choeng	39,565	39,389	58,874	60,244	61,581
1513 Bua Chet	-	19,244	19,788	20,288	20,885
1600 SI SA KET	1,022,223	1,046,989	1,066,287	1,082,121	103,239
1601 M. Si Sa Ket	157,466	151,233	165,185	167,025	169,784
1602 Rasi Salai	82,607	83,623	85,109	86,677	88,148
1603 Yang Chum Noi	27,144	27,502	27,976	28,758	29,438
1604 Kanthararom	102,807	111,249	113,015	114,798	116,780
1605 Uthumphon Phisai	110,967	111,055	127,568	128,409	130,237
1606 Huai Thap Than	27,060	28,259	28,912	29,188	29,448
1607 Prang Ku	47,589	46,497	47,427	48,016	48,619
1608 Khukhan	120,921	122,336	123,212	124,072	127,505
1609 Phrai Bung	33,685	34,153	34,656	35,176	35,692
1610 Khun Han	74,984	76,425	77,041	78,866	78,639
1611 Bung Boon	22,792	23,306	9,342	10,060	10,188
1612 Non Koon	27,424	29,779	30,602	31,168	32,325
1613 Kanthararak ^{1/}	186,775	191,572	196,242	199,908	206,436

^{1/} : Including King Amphoe Na Pho in 1981

POPULATION PROJECTION BY AMPHOE

	1987	(1981 1987)	1993	(1989 1993)	2001	(1993 2001)
0100 LOEI	534,300	(2.4)	601,100	(2.0)	687,600	(1.7)
0101 M. Loei	114,300	(2.9)	132,300	(2.5)	155,700	(2.1)
0102 Tha Li	23,400	(1.3)	34,900	(1.0)	26,900	(1.0)
0103 Chiang Khan	48,600	(1.0)	61,100	(0.8)	54,200	(0.9)
0104 Pak Chom	31,200	(2.5)	35,100	(2.0)	40,000	(1.6)
0105 Na Duang	21,300	(3.8)	25,300	(2.9)	30,500	(2.4)
0106 Na Haeo	9,400	(1.6)	10,200	(1.4)	11,200	(1.2)
0107 Dan Sai	38,300	(1.7)	41,600	(1.3)	45,700	(1.2)
0108 Phu Rua	16,600	(1.6)	17,900	(1.3)	19,700	(1.2)
0109 Wang Saphung	151,700	(2.1)	168,600	(1.8)	188,200	(1.4)
0110 Phu Kradung	79,400	(3.9)	95,000	(3.0)	115,500	(2.5)
0200 UDON THANI	1,614,300	(1.5)	1,741,800	(1.3)	1,907,000	(1.1)
0201 M. Udon Thani	340,100	(1.3)	362,200	(1.1)	390,900	(1.0)
0202 Nam Som	57,700	(4.1)	69,600	(3.2)	85,100	(2.5)
0203 Suwannakhuha	47,600	(3.4)	55,600	(2.6)	65,000	(2.2)
0204 Ban Phu	79,200	(0.9)	82,800	(0.7)	87,400	(0.7)
0205 Kut Chap	47,700	(0.7)	49,200	(0.5)	51,100	(0.5)
0206 Phen	85,100	(1.4)	90,800	(1.1)	97,700	(0.9)
0207 Sang Khom	20,700	(0.6)	21,400	(0.6)	22,300	(0.5)
0208 Ban Dung	77,300	(1.3)	82,100	(1.0)	88,200	(0.9)
0209 Thung Fon	22,700	(1.4)	24,200	(1.1)	26,100	(0.9)
0210 Na Klang	91,900	(1.8)	101,000	(1.6)	112,800	(1.4)

Figures in parenthesis show annual average growth rate.

	1978	(1981 1987)	1993	(1987 1993)	2001	(1993 2001)
0211 Si Bun Ruang	100,100	(1.5)	108,100	(1.3)	118,400	(1.1)
0212 Nong Bua Lam Phu	106,100	(0.6)	109,000	(0.5)	112,900	(0.4)
0213 Non Sang	60,800	(0.2)	61,400	(0.2)	62,200	(0.2)
0214 Nong Wua So	42,600	(0)	43,500	(0.3)	44,800	(0.4)
0215 Non Sa-At	49,600	(4.0)	58,800	(2.9)	70,800	(2.3)
0216 Kumphawapi	159,100	(1.9)	175,000	(1.6)	195,800	(1.4)
0217 Nong Han	136,400	(1.7)	147,900	(1.4)	162,800	(1.2)
0218 Chaiwan	27,700	(1.2)	29,400	(1.0)	31,700	(0.9)
0219 Si That	32,500	(0.7)	33,800	(0.7)	35,400	(0.6)
0220 Wang Sam Mo	29,400	(4.5)	36,000	(3.4)	44,600	(2.7)
0300 NONG KHAI	783,200	(2.1)	869,700	(1.8)	481,500	(1.5)
0301 M. Nong Khai	155,900	(2.1)	173,700	(1.8)	196,800	(1.6)
0302 Sangkhom	18,000	(3.9)	21,600	(3.1)	26,500	(2.6)
0303 Si Chiang Mai	31,600	(0.5)	32,100	(0.3)	32,800	(0.3)
0304 Tha Bo	74,800	(1.6)	81,200	(1.4)	89,600	(1.2)
0305 Phon Phisai	155,500	(2.3)	173,600	(1.9)	196,600	(1.6)
0306 Pak Kad	31,000	(2.4)	34,600	(1.8)	39,200	(1.6)
0307 So Phisai	69,600	(2.3)	77,800	(1.9)	88,100	(1.6)
0308 Bung Kan	188,300	(2.2)	132,300	(1.9)	150,600	(1.6)
0309 Phon Charoen	36,300	(2.0)	39,900	(1.6)	44,700	(1.4)
0310 Seka	92,200	(2.3)	102,900	(1.8)	116,600	(1.6)

	1987	(1981 1987)	1993	(1987 1993)	2001	(1993 2001)
0400 SAKHON NAKHON	857,300	(1.4)	919,200	(1.2)	999,400	(1.1)
0401 M. Sakhon Nakhon	208,600	(1.6)	226,200	(1.4)	249,200	(1.2)
0402 Ban Muang	44,600	(2.4)	50,700	(2.2)	58,400	(1.8)
0403 Kham Ta Kla	30,800	(5.3)	37,600	(3.4)	46,300	(2.6)
0404 Sawang Daen Din	141,800	(0.3)	142,900	(0.1)	145,000	(0.2)
0405 Wanon Niwat	88,900	(1.0)	93,200	(0.8)	98,600	(0.7)
0406 Akat Amnuai	53,700	(1.6)	58,200	(1.4)	64,100	(1.2)
0407 Song Dao	22,800	(1.0)	24,000	(0.9)	25,500	(0.8)
0408 Waritchaphum	38,200	(0.0)	39,600	(0.6)	41,300	(0.5)
0409 Phang Khon	46,200	(1.2)	49,100	(1.0)	53,000	(1.0)
0410 Nikhom Nam Un	11,100	(2.6)	12,500	(2.0)	14,200	(1.6)
0411 Phanna Nikhom	69,000	(1.7)	75,100	(1.4)	82,900	(1.2)
0412 Kusuman	34,200	(1.0)	35,900	(0.8)	38,000	(0.7)
0413 Kut Bak	42,100	(2.1)	47,100	(1.9)	53,400	(1.6)
0414 Tao Koi	25,300	(1.3)	27,100	(1.2)	29,300	(1.0)
0500 NAKHON PHANOM	854,400	(1.7)	927,500	(1.4)	1,022,100	(1.2)
0501 M. Nakhon Phanom	130,500	(1.6)	141,400	(1.3)	155,100	(1.2)
0502 Ban Phaeng	40,300	(2.6)	45,800	(2.2)	53,000	(1.8)
0503 Si Songkhram	50,400	(2.2)	56,000	(1.8)	63,400	(1.6)
0504 Na Wa	41,000	(1.7)	44,500	(1.4)	49,100	(1.2)
0505 Tha Uthen	90,900	(1.8)	98,400	(1.3)	107,800	(1.1)
0506 Pla Pak	40,300	(1.8)	43,600	(1.3)	47,800	(1.2)
0507 Renu Nakhon	38,100	(1.6)	41,000	(1.2)	44,000	(1.1)

	1987	(1981 1987)	1993	(1987 1993)	2001	(1993 2001)
0508 Na Kae	74,000	(0.7)	74,900	(0.2)	75,900	(0.1)
0509 That Phanom	80,500	(1.3)	85,500	(1.0)	92,100	(0.8)
0510 Dong Luang	22,700	(3.3)	26,900	(2.9)	32,200	(2.0)
0511 Khamcha-I	63,300	(1.6)	68,300	(1.3)	73,900	(0.8)
0512 Mukdahan	98,400	(1.7)	106,900	(1.4)	118,100	(1.0)
0513 Wan Yai	15,400	(2.1)	17,000	(1.7)	19,100	(1.2)
0514 Nikhom Kham Soi	34,300	(2.1)	38,200	(1.8)	43,300	(1.3)
0515 Don Tan	34,300	(2.7)	39,100	(2.2)	45,400	(1.6)
0600 KHON KAEN	1,539,700	(1.8)	1,683,000	(1.5)	1,868,400	(1.1)
0601 M. Khon Kaen	307,700	(2.7)	352,200	(2.3)	410,800	(1.5)
0602 Chumphae	109,000	(0.5)	113,600	(0.5)	117,200	(0.3)
0603 Si Chomphu	61,600	(1.8)	67,100	(1.4)	73,800	(1.0)
0604 Phu Wiang	105,700	(1.8)	115,100	(1.4)	126,700	(1.0)
0605 Nong Rua	84,400	(1.6)	90,800	(1.2)	99,100	(0.9)
0606 Ban Fang	55,100	(1.8)	59,900	(1.4)	66,000	(1.0)
0607 Ubolratana	41,700	(1.9)	46,700	(1.9)	53,300	(1.4)
0608 Kaosuankwang	35,200	(3.4)	41,100	(2.6)	48,900	(2.1)
0609 Nam Phong	97,600	(1.5)	105,500	(1.3)	115,800	(1.0)
0610 Kranuan	96,000	(3.2)	111,600	(2.5)	132,100	(2.0)
0611 Phra Yun	32,000	(1.3)	34,300	(1.2)	37,200	(1.0)
0612 Mancha Khiri	91,600	(1.2)	97,800	(1.1)	105,800	(0.8)
0613 Ban Phai	135,500	(0.9)	141,000	(0.7)	147,500	(0.5)
0614 Chonnabot	46,200	(0.5)	47,500	(0.5)	49,200	(0.3)
0615 Waeng Yai	31,300	(2.8)	35,700	(2.2)	41,400	(1.6)

	1987	(1981 1987)	1993	(1987 1993)	2001	(1993 2001)
0616 Waeng Noi	41,000	(1.1)	43,200	(0.9)	46,100	(0.8)
0617 Phon	80,700	(1.1)	85,200	(0.9)	90,900	(0.8)
0618 Nong Song Hong	68,100	(2.0)	74,700	(1.6)	83,400	(1.4)
0619 Phouy Noi	19,300	(1.8)	21,000	(1.4)	23,200	(1.3)
0700 MAHA SARAKHAM	840,400	(1.4)	901,300	(1.8)	980,200	(1.1)
0701 M. Maha Sarakham	130,100	(1.9)	143,000	(1.6)	160,100	(1.4)
0702 Chiang Yun	82,000	(1.2)	87,300	(1.0)	94,300	(1.0)
0703 Kosum Phisai	102,300	(0.8)	106,700	(0.7)	112,500	(0.7)
0704 Kantharawichai	69,900	(0.7)	72,300	(0.6)	75,400	(0.5)
0705 Borabu	131,100	(1.4)	139,800	(1.1)	150,700	(0.9)
0706 Kae Dam	27,400	(1.1)	29,000	(1.0)	31,200	(0.9)
0707 Na Chuak	54,100	(1.4)	57,800	(1.1)	62,300	(0.9)
0708 Wapi Pathum	109,200	(2.6)	123,400	(2.1)	141,900	(1.8)
0709 Na Dun	33,100	(1.3)	35,400	(1.1)	38,300	(1.0)
0710 Phayakkhaphum Pisai	101,200	(1.2)	106,600	(0.9)	113,500	(0.8)
0800 KALASIN	843,400	(1.5)	910,900	(1.3)	998,300	(1.2)
0801 M. Kalasin	149,800	(1.8)	164,100	(1.5)	182,400	(1.3)
0802 Tha Khantho	31,000	(4.1)	37,300	(3.1)	45,500	(2.5)
0803 Nong Kung Si	42,900	(1.4)	46,000	(1.2)	51,200	(1.3)
0804 Khom Muang	68,400	(1.8)	75,400	(1.6)	84,300	(1.4)
0805 Sahatsakhan	35,000	(0.9)	36,800	(0.8)	39,100	(0.8)
0806 Somdet	51,200	(1.2)	54,700	(1.1)	59,000	(1.0)
0807 Na Mon	34,500	(2.0)	38,300	(1.8)	43,200	(1.5)
0808 Khao Wong	65,100	(1.0)	68,500	(0.9)	72,900	(0.8)

	1987	(1981 1987)	1993	(1987 1993)	2001	(1993 2001)
0809 Kuchinarai	111,700	(1.4)	120,500	(1.3)	131,700	(1.1)
0810 Huai Mek	43,500	(1.7)	47,500	(1.5)	52,700	(1.3)
0811 Yang Talat	115,000	(1.4)	123,900	(1.3)	135,300	(1.1)
0812 Kamalasai	81,300	(0.4)	83,100	(0.4)	85,200	(0.3)
0813 Rong Kham	14,000	(1.0)	14,800	(0.9)	15,800	(0.8)
0900 ROI ET	1,151,300	(1.1)	1,220,100	(1.0)	1,309,200	(0.9)
0901 M. Roi Et	205,300	(1.3)	219,100	(1.1)	238,000	(1.0)
0902 Pho Chai	48,900	(1.6)	53,200	(1.4)	58,900	(1.3)
0903 Phon Thong	95,300	(1.3)	102,800	(1.3)	112,600	(1.1)
0904 Muayawadee	21,700	(1.2)	23,300	(1.2)	25,400	(1.1)
0905 Nong Phok	50,900	(2.1)	56,800	(1.8)	64,700	(1.6)
0906 Thawatchaburi	110,200	(1.3)	112,000	(0.3)	112,200	(0.02)
0907 Selaphum	117,400	(1.0)	124,400	(1.0)	134,000	(0.9)
0908 Chaturapak Piman	77,900	(0.9)	81,700	(0.8)	86,500	(0.7)
0909 Muang Suang	19,000	(0.3)	19,300	(0.3)	19,800	(0.3)
0910 At Samat	64,000	(0.9)	67,600	(0.9)	72,300	(0.8)
0911 Pathum Rat	46,600	(0.8)	48,700	(0.7)	51,400	(0.7)
0912 Kaset Wisai	84,900	(0.8)	89,300	(0.8)	95,100	(0.8)
0913 Suwannaphum	99,000	(1.8)	108,800	(1.6)	121,700	(1.4)
0914 Phanom Phrai	85,700	(0.3)	87,300	(0.3)	89,300	(0.3)
0915 Phon Sai	24,500	(0.8)	25,800	(0.8)	27,300	(0.7)

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	1987	(1981 1987)	1993	(1987 1993)	2001	(1993 2001)
1000 YASOTHON	499,800	(1.2)	531,600	(1.03)	572,800	(0.9)
1001 M. Yasothon	123,000	(1.0)	129,700	(0.9)	138,300	(0.8)
1002 Sai Mun	38,600	(4.1)	45,600	(2.8)	54,600	(2.3)
1003 Kut Chum	56,300	(0.3)	57,100	(0.2)	57,900	(0.2)
1004 Loeng Nok Tha	99,500	(1.2)	105,800	(1.02)	114,100	(0.9)
1005 Pa Tiu	35,100	(3.3)	40,800	(2.5)	38,100	(2.1)
1006 Kham Khuan Kaeo	65,300	(0.2)	66,200	(0.2)	67,500	(0.2)
1007 Maha Chana Chai	56,000	(0.9)	58,900	(0.8)	62,700	(0.8)
1008 Kho Wang	26,000	(1.2)	27,500	(0.9)	29,600	(0.9)
1100 UBON RATCHATHANI	1,766,800	(1.8)	1,929,200	(1.5)	2,139,000	(1.3)
1101 M. Ubon Ratchathani	239,200	(2.4)	268,000	(1.9)	305,300	(1.6)
1102 Chanuman	32,700	(2.0)	36,300	(1.8)	40,900	(1.5)
1103 Khemaraj	117,600	(1.1)	124,500	(1.0)	133,500	(0.9)
1104 Senang Khanikhom	37,400	(2.3)	41,500	(1.7)	46,900	(1.5)
1105 Amnat Charoen	135,100	(1.1)	142,000	(0.8)	150,800	(0.3)
1106 Hua Thaphan	47,600	(1.2)	50,800	(1.1)	54,900	(1.0)
1107 Khuang Nai	101,300	(1.0)	106,500	(0.8)	113,200	(0.8)
1108 Muang Samsip	81,200	(2.2)	90,400	(1.8)	102,300	(1.6)
1109 Phana	52,300	(0.7)	54,000	(0.5)	56,300	(0.5)
1110 Kut Kaopun	32,900	(0.9)	34,500	(0.8)	36,600	(0.7)
1111 Trakan Phutphon	103,600	(1.2)	110,800	(1.1)	120,000	(1.0)
1112 Talsum	27,000	(1.4)	29,000	(1.2)	31,500	(1.0)
1113 Si Muang Mai	50,500	(1.5)	54,500	(1.3)	59,600	(1.1)
1114 Khong Chiam	28,800	(2.2)	32,100	(1.8)	36,200	(1.5)

	1987	(1981 1987)	1993	(1987 1993)	2001
1115 Warin Chamrap	205,600	(1.1)	217,200	(0.9)	232,200
1116 Pibun Mangsahan	120,200	(0.9)	126,000	(0.8)	133,500
1117 Det Udom	191,400	(3.4)	223,600	(2.6)	265,300
1118 Nam Yun	65,100	(2.9)	25,200	(2.4)	88,300
1119 Na Chaluai	39,100	(3.8)	44,500	(3.1)	54,100
1120 Buntharik	60,200	(2.4)	67,800	(2.0)	77,600
1200 CHAIYAPHUM	963,300	(1.7)	1,097,000	(1.4)	1,155,500
1201 M. Chaiyaphum	181,500	(2.2)	201,500	(1.8)	227,300
1202 Khon San	46,500	(0.5)	47,600	(0.4)	48,700
1203 Kaset Sombun	92,500	(1.1)	97,500	(0.9)	104,100
1204 Phu Kieo	100,100	(0.6)	103,000	(0.5)	106,900
1205 Ban Thaen	40,800	(0.7)	42,300	(0.6)	44,400
1206 Kaeng Khlo	80,600	(1.5)	87,400	(1.4)	96,100
1207 Khon Sawan	51,900	(0.9)	54,500	(0.8)	58,000
1208 Nong Bua Daeng	97,100	(3.4)	114,000	(2.7)	135,900
1209 Nong Bua Rahueo	24,300	(3.0)	27,800	(2.3)	32,300
1210 Ban Khwao	61,000	(1.3)	54,300	(1.1)	58,500
1211 Thep Satit	54,700	(7.8)	22,400	(4.8)	95,200
1212 Bamnet Narong	48,200	(0.6)	49,700	(0.5)	51,700
1213 Chatturat	94,100	(0.3)	95,000	(0.2)	96,400
1300 NAKHON RATCHASIMA	2,127,700	(1.5)	2,295,000	(1.3)	2,509,000
1301 M. Nakhon Ratcha- sima	350,400	(1.8)	383,900	(1.5)	428,800
1302 Bua Yai	159,300	(0.3)	161,200	(0.2)	163,400

	1987	(1981 1987)	1993	(1987 1993)	2001	(1993 2001)
1303 Ban Luam	20,400	(0.03)	20,500	(0.1)	20,500	(0.0)
1304 Khong	75,500	(0.1)	76,400	(0.2)	77,600	(0.2)
1305 Kham Sakae Saeng	42,900	(0.4)	43,500	(0.2)	44,200	(0.2)
1306 Non Sung	109,900	(1.1)	116,300	(0.9)	124,400	(0.8)
1307 Phimai	104,500	(1.2)	110,700	(1.0)	118,700	(0.9)
1308 Prathai	94,800	(0.4)	96,500	(0.3)	98,600	(0.3)
1309 Chum Phuang	115,600	(1.2)	122,900	(1.02)	132,200	(0.9)
1310 Huai Thalaeng	53,600	(2.0)	59,100	(1.6)	66,100	(1.4)
1311 Chakkaraj	95,900	(1.9)	105,500	(1.6)	117,800	(1.4)
1312 Dan Khun Thot	112,400	(1.6)	122,300	(1.4)	135,000	(1.2)
1313 Non Thai	102,300	(0.03)	102,600	(0.04)	103,000	(0.04)
1314 Kham Thalaeng So	26,100	(1.3)	27,800	(1.1)	30,100	(1.0)
1315 Sung Noen	60,300	(1.0)	63,500	(0.9)	67,600	(0.8)
1316 Sikhiu	97,200	(2.4)	109,800	(2.1)	125,900	(1.7)
1317 Pak Chong	138,200	(2.2)	154,000	(1.8)	174,300	(1.6)
1318 Pak Thong Chai	127,300	(2.1)	141,500	(1.8)	159,800	(1.5)
1319 Chok Chai	101,200	(1.8)	111,700	(1.7)	125,100	(1.4)
1320 Khon Buri	86,400	(3.0)	99,300	(2.3)	115,900	(2.0)
1321 Soeng Sang	53,400	(4.4)	65,000	(3.3)	80,000	(2.6)
1400 BURI RAM	1,298,200	(1.9)	1,427,700	(1.6)	1,595,300	(1.4)
1401 M. Buri Ram	224,600	(1.5)	241,900	(1.2)	264,200	(1.1)
1402 Phutthaisong	102,300	(1.5)	110,300	(1.4)	120,700	(1.1)
1403 Khu Muang	48,300	(0.2)	49,000	(0.2)	49,800	(0.2)
1404 Satuk	123,700	(1.5)	133,500	(1.3)	146,300	(1.2)

	1987	(1981 1987)	1993	(1987 1993)	2001	(1993 2001)
1405 Krasang	84,400	(2.8)	96,500	(2.3)	112,200	(1.9)
1406 Lam Plai Mat	166,400	(2.5)	188,300	(2.1)	216,600	(1.8)
1407 Nong Ki	58,500	(2.0)	64,000	(1.5)	71,200	(1.3)
1408 Nang Rong	155,500	(1.7)	169,400	(1.4)	187,400	(1.3)
1409 Pa Khom	31,600	(3.3)	36,800	(2.6)	43,600	(2.1)
1410 Lahan Sai	86,500	(3.8)	103,700	(3.1)	125,900	(2.5)
1411 Prakhon Chai	151,000	(1.5)	163,300	(1.3)	179,300	(1.2)
1412 Ban Kruat	64,300	(1.7)	71,000	(1.4)	78,100	(1.2)
1500 SURIN	1,205,600	(2.1)	1,341,300	(1.8)	1,516,800	(1.5)
1501 M. Surin	241,600	(0.8)	252,300	(0.7)	267,000	(0.7)
1502 Chumphon Buri	56,500	(1.6)	61,400	(1.4)	67,400	(1.2)
1503 Tha Tum	103,500	(2.5)	121,100	(2.7)	143,800	(2.2)
1504 Chom Phra	53,600	(0.8)	56,000	(0.7)	59,300	(0.7)
1505 Sanom	43,700	(1.1)	46,300	(1.0)	49,700	(0.9)
1506 Rattanaaburi	115,300	(1.01)	122,000	(0.0)	131,000	(0.9)
1507 Samrong Thap	40,600	(1.2)	43,300	(1.1)	46,900	(1.0)
1508 Sikhoraphum	121,400	(1.1)	128,900	(1.0)	138,700	(0.9)
1509 Lamduan	23,900	(2.9)	27,500	(2.4)	32,100	(2.0)
1510 Sankha	116,000	(0.6)	119,500	(0.5)	123,500	(0.4)
1511 Prasat	164,900	(4.5)	201,400	(3.4)	248,400	(2.7)
1512 Kap Choeng	101,100	(0.6)	135,600	(5.01)	179,700	(3.6)
1513 Bua Chet	23,500	(2.0)	26,000	(1.7)	29,300	(1.5)

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	1987	(1981 1987)	1993	(1987 1993)	2001	(1993 2001)
1600 SI SA KET	1,210,000	(1.6)	1,309,600	(1.3)	1,437,600	(1.2)
1601 M. Si Sa Ket	182,700	(1.2)	194,300	(1.03)	209,400	(0.9)
1602 Rasi Salai	93,600	(1.0)	98,600	(0.9)	105,400	(0.8)
1603 Yang Chum Noi	31,800	(1.3)	34,100	(1.2)	37,200	(1.1)
1604 Kanthararom	132,700	(2.2)	146,400	(1.7)	164,100	(1.4)
1605 Uthumpon Phisai	161,300	(3.6)	187,800	(2.6)	221,700	(2.1)
1606 Huai Thap Than	32,100	(1.4)	34,300	(1.1)	37,300	(1.1)
1607 Prang Ku	48,900	(0.1)	49,400	(0.2)	50,300	(0.2)
1608 Khukhan	129,400	(0.2)	135,700	(0.8)	141,800	(0.6)
1609 Phrai Bung	37,500	(0.8)	39,200	(0.7)	41,500	(0.7)
1610 Khun Han	82,400	(0.8)	85,300	(0.6)	89,400	(0.6)
1611 Bung Boon	12,400	(3.3)	14,400	(2.5)	17,000	(2.1)
1612 Non Koong	38,000	(2.7)	43,100	(2.1)	49,700	(1.8)
1613 Kanthararak	227,200	(1.6)	247,000	(1.4)	272,800	(1.2)

2. GDP及びGRP

NESDBによる長期経済開展望（1980-1990）においては、GDPの年平均増加率は第4次計画の期間（1977-1981）の増加率7.4%に対し、第5次計画の期間（1982-1986）では6.6%と予測している。

一方、東北地方のGRPの年平均増加率は第4次計画の期間の6.0%に対し、第5次計画の期間は5.8%と予測している。1993年のGDP及びGRPは第5次計画の期間の経済活動がそのまま続くものとして同予測値を用いて計算を行うと以下の通りである。

GROWTH RATE OF GDP & GRP

(% per year)

	1977-1981	1982-1986	1987-
Whole Kingdom	7.4	6.6	6.6
Bangkok	9.3	7.1	7.1
Central	7.3	6.6	6.6
Northeast	5.8	6.0	6.0
North	5.7	6.0	6.0
South	7.3	6.5	6.5

Source : Long-Term Prospect For Economic Development (1980-1990), NESDB

PROJECTION OF GDP & GRP

(Million of Baht at 1980 Constant Price)

	1980	1987	1993	2001
Whole Kingdom	684,930 (6.7)	1,079,428 (6.6)	1,583,933 (6.6)	2,641,159
Bangkok	223,713 (7.3)	368,645 (7.1)	556,131 (7.1)	961,360
Central	191,932 (6.7)	301,891 (6.6)	442,819 (6.6)	737,354
Northeast	95,403 (6.0)	143,035 (6.0)	202,820 (6.0)	322,813
North	92,235 (5.9)	138,155 (6.0)	195,900 (6.0)	311,797
South	81,647 (6.6)	127,702 (6.5)	186,263 (6.5)	307,835

Figures in parenthesis show average annual growth rate.

PER CAPITA GDP & GRP

(Baht at 1980 Constant Price)

	1980	1987	1993	2001
Whole Kingdom	14,585 (4.9)	20,407 (5.0)	27,361 (5.2)	40,895
Bangkok	43,405 (4.2)	57,818 (4.3)	74,379 (4.5)	105,982
Central	18,620 (5.1)	26,359 (5.1)	35,479 (5.2)	53,200
Northeast	5,930 (4.2)	7,906 (4.5)	10,318 (4.7)	14,890
North	9,620 (4.6)	13,221 (4.8)	17,511 (4.9)	25,652
South	14,021 (4.9)	19,574 (5.0)	26,295 (5.2)	39,375

Figures in parenthesis show average annual growth rate.

Appendix 5.3 WORLD ROAD STATISTICS(1) PAVED ROAD

NO.	COUNTRY	<L>	<A>	<P>	<I>		<K>
		PAVED ROAD LENGTH (KM)	CULTIVABLE AREA (KM ²)	POPULATION (X 10 ⁶)	GNP / PERSON (BAHT)	(\$)	K = L / SQR(A*P)
1	AUSTRIA	36,679	49,910	7.5	197,627	(8,630)	0.05995
2	BELGIUM	26,283	25,800	9.8	250,068	(10,920)	0.05227
3	FINLAND	34,355	72,240	4.8	186,864	(8,160)	0.05834
4	FRANCE	362,544	400,240	53.4	227,855	(9,950)	0.07842
5	GERMANY	171,521	170,940	61.2	268,617	(11,730)	0.05303
6	GREECE	22,208	104,620	9.3	90,684	(3,960)	0.02251
7	HUNGARY	29,804	76,400	10.7	88,165	(3,850)	0.03296
8	NORWAY	44,501	224,570	4.1	245,030	(10,700)	0.04638
9	SPAIN	148,106	346,940	37.0	100,302	(4,380)	0.04134
10	SWEDEN	76,149	147,380	8.3	273,197	(11,930)	0.06885
11	TURKEY	30,812	569,160	44.2	30,457	(1,330)	0.00614
12	MOROCCO	18,672	394,350	19.5	16,946	(740)	0.00673
13	SOUTH AFRICA	45,523	1,175,040	28.5	39,388	(1,720)	0.00787
14	MEXICO	99,385	1,432,740	65.5	37,556	(1,640)	0.01026
15	PANAMA	2,764	33,990	1.8	32,060	(1,400)	0.01117
16	U.S.A	1,298,137	6,219,200	223.6	243,427	(10,630)	0.03481
17	INDIA	515,337	2,300,190	659.2	4,351	(190)	0.01323
18	JAPAN	172,795	120,920	115.7	201,749	(8,810)	0.04620
19	KOREA	14,271	32,480	37.8	33,892	(1,480)	0.01288
20	PAKISTAN	38,202	750,620	79.7	5,954	(260)	0.00494
21	THAILAND	21,741	305,520	45.5	13,511	(590)	0.00583

REGRESSION FUNCTION : $K = A + B * I$
 $A = 0.00622715407$
 $B = 0.00000020998$
 $COR = 0.9004$

(2) NATIONAL HIGHWAY

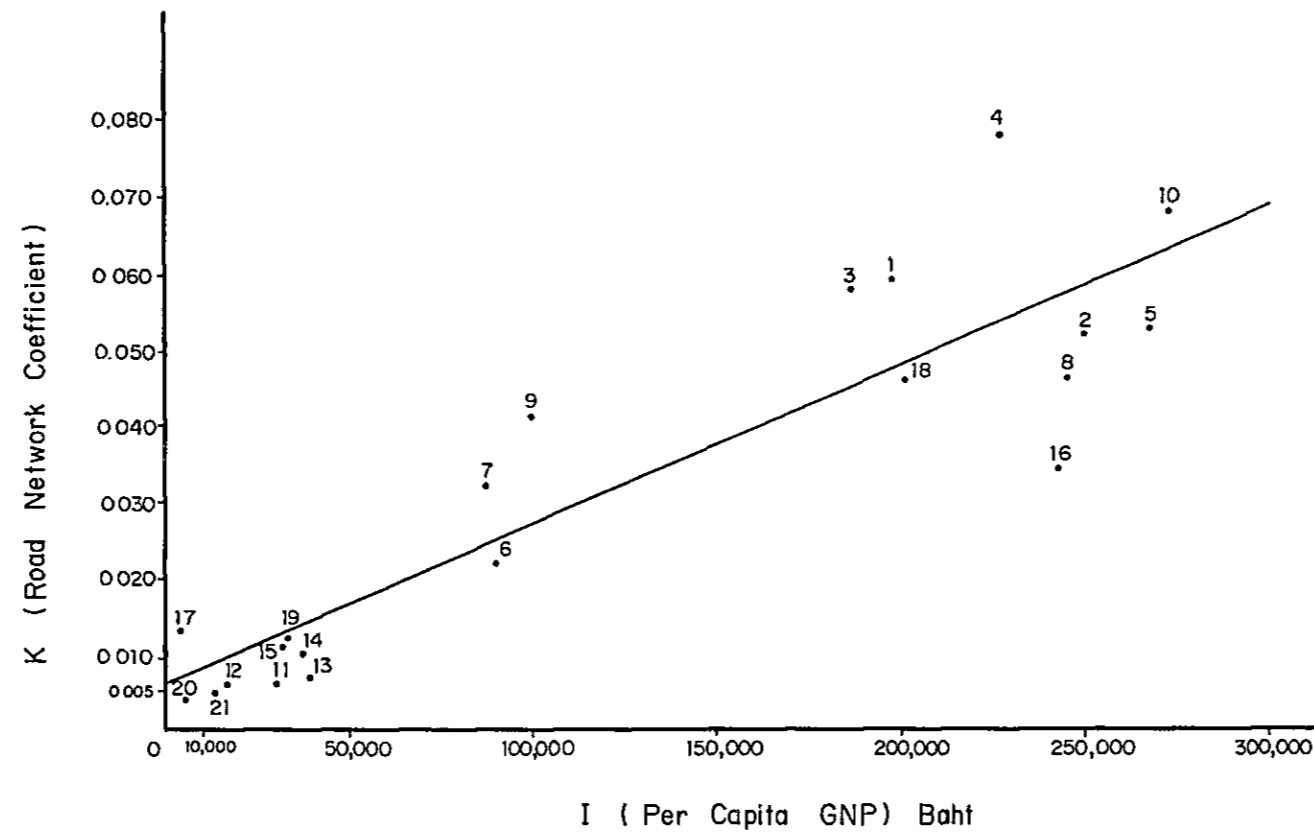
NO.	COUNTRY	<L>	<A>	<P>	<I>		<K>
		NATIONAL HIGHWAY (KM)	CULTIVABLE AREA (KM ²)	POPULATION (X 10 ⁶)	GNP / PERSON (BAHT)	(\$)	K = L / SQR(A*P)
1	AUSTRIA	11,012	49,910	7.5	197,627	(8,630)	0.01800
2	BELGIUM	12,454	25,800	9.8	250,068	(10,920)	0.02477
3	FINLAND	11,212	72,240	4.8	186,864	(8,160)	0.01904
4	FRANCE	31,706	400,240	53.4	227,855	(9,950)	0.00686
5	GERMANY	39,540	170,940	61.2	268,617	(11,730)	0.01222
6	GREECE	8,761	104,620	9.3	90,684	(3,960)	0.00888
7	HUNGARY	6,573	76,400	10.7	88,165	(3,850)	0.00727
8	NORWAY	25,141	224,570	4.1	245,030	(10,700)	0.02620
9	SPAIN	81,382	346,940	37.0	100,302	(4,380)	0.02271
10	SWEDEN	13,482	147,380	8.3	273,197	(11,930)	0.01219
11	TURKEY	22,735	569,160	44.2	30,457	(1,330)	0.00453
12	MOROCCO	10,279	394,350	19.5	16,946	(740)	0.00371
13	SOUTH AFRICA	2,139	1,175,040	28.5	39,388	(1,720)	0.00037
14	MEXICO	43,033	1,432,740	65.5	37,556	(1,640)	0.00444
15	PANAMA	664	33,990	1.8	32,060	(1,400)	0.00268
16	U.S.A	846,645	6,219,200	223.6	243,427	(10,630)	0.02270
17	INDIA	29,340	2,300,190	659.2	4,351	(190)	0.00075
18	JAPAN	42,634	120,920	115.7	201,749	(8,810)	0.01140
19	KOREA	9,457	32,480	37.8	33,892	(1,480)	0.00853
20	PAKISTAN	38,202	750,620	79.7	5,954	(260)	0.00494
21	THAILAND	13,612	305,520	45.5	13,511	(590)	0.00365

REGRESSION FUNCTION : $K = A + B * I$
 $A = 0.00340657250$
 $B = 0.00000005964$
 $COR = 0.7372$

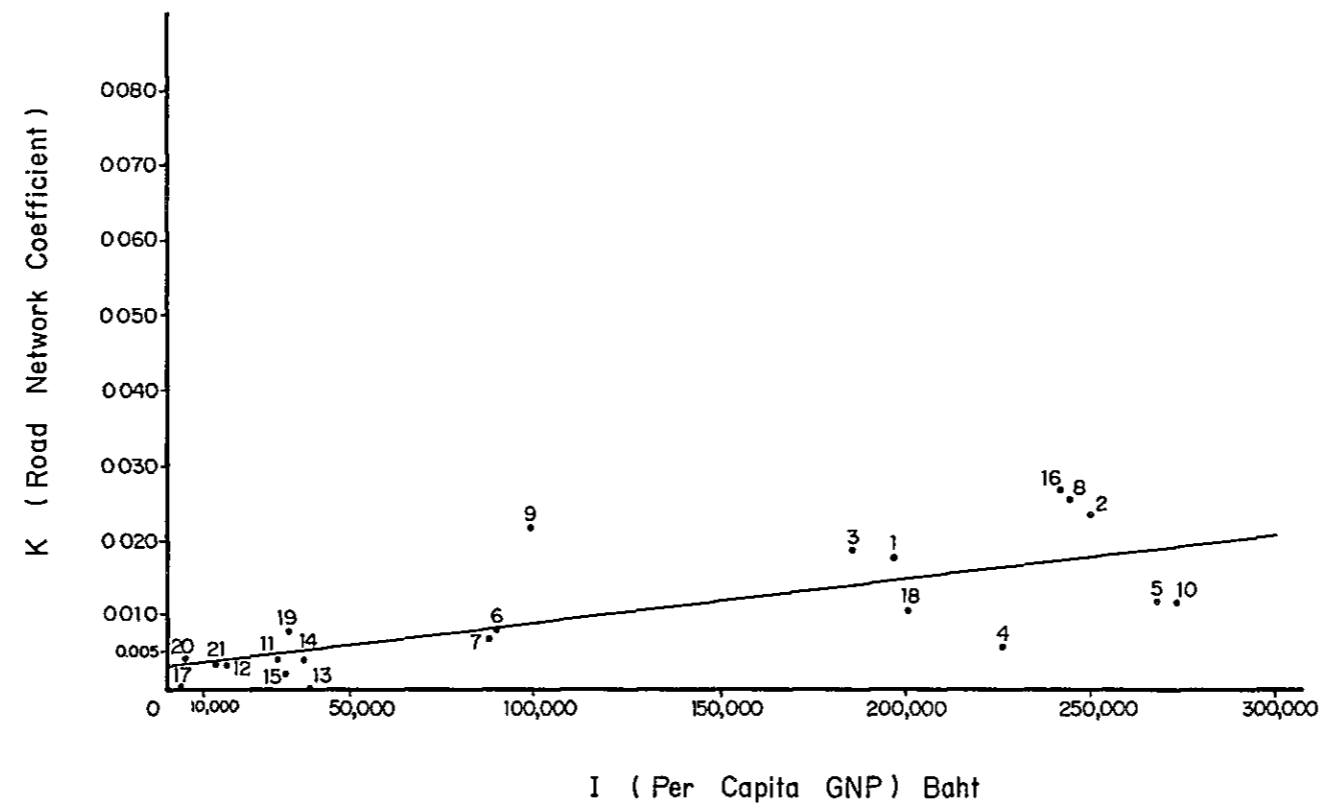
Source :

1. World Development Report, 1981
2. International Road Federation World Road Statistics, 1976-1980
3. FAO Production Year Book, 1981

(1) PAVED ROAD



(2) NATIONAL HIGHWAY



Appendix 5.5 ROAD NETWORK VALUE OF BLOCK SURROUNDED BY PAVED ROAD

RANK	BLOCK NO.	POPULATION	CULTIVABLE AREA	LENGTH OF SURROUNDING LINK	ROAD NETWORK VALUE (M VALUE)	RANK	BLOCK NO.	POPULATION	CULTIVABLE AREA	LENGTH OF SURROUNDING LINK	ROAD NETWORK VALUE (M VALUE)
1	98	376,385	3,608.3	103.4	127,028	75	44	201,225	1,235.7	253.9	3,857
2	104	544,548	5,408.1	273.2	39,457	76	56	47,412	392.7	69.6	3,843
3	83	337,351	1,849.1	143.9	30,125	77	110	104,533	624.4	130.5	3,833
4	96	408,466	3,038.6	214.7	26,926	78	84	105,570	655.3	134.4	3,830
5	53	341,387	2,811.5	192.8	25,821	79	61	146,914	992.7	196.9	3,762
6	87	555,482	3,384.5	276.6	24,573	80	33	127,392	699.6	154.0	3,758
7	113	309,665	2,241.2	190.0	19,225	81	66	68,371	500.2	93.1	3,554
8	97	250,740	2,174.1	177.0	17,400	82	92	114,657	984.1	179.5	3,502
9	59	481,984	3,232.3	310.4	16,170	83	73	101,435	665.5	143.9	3,260
10	75	468,337	2,817.7	285.9	16,144	84	57	51,198	351.0	75.6	3,145
11	91	345,275	2,999.8	254.6	15,979	85	119	77,337	153.2	63.0	2,985
12	90	241,056	1,658.8	162.8	15,087	86	34	123,951	1,147.4	219.1	2,963
13	15	360,160	2,063.6	224.7	14,720	87	89	75,215	228.5	78.2	2,810
14	77	171,042	1,203.5	128.7	12,428	88	72	79,274	508.5	120.5	2,776
15	76	288,507	1,953.3	214.7	12,226	89	28	79,976	407.6	110.4	2,675
16	68	188,646	1,369.1	146.9	11,968	90	111	53,469	329.8	83.1	2,553
17	12	350,146	2,399.2	266.7	11,811	91	13	109,623	439.0	138.1	2,523
18	43	249,768	1,474.8	178.1	11,612	92	20	95,309	442.5	130.5	2,477
19	50	362,779	1,509.9	217.7	11,557	93	26	66,745	320.2	92.9	2,476
20	109	162,755	1,228.4	132.1	11,457	94	118	50,622	261.3	74.2	2,403
21	51	231,411	2,177.5	214.3	10,972	95	117	50,031	516.4	104.4	2,370
22	14	385,654	1,838.4	254.3	10,964	96	21	141,493	561.3	187.0	2,271
23	107	297,264	1,417.9	178.7	10,535	97	19	129,722	781.8	222.4	2,050
24	8	444,264	3,300.9	374.1	10,478	98	69	68,349	301.4	100.8	2,028
25	31	201,077	1,484.9	174.7	9,783	99	106	64,217	360.9	110.9	1,834
26	48	228,301	1,671.9	198.5	9,687	100	11	49,843	232.9	79.0	1,860
27	35	249,085	2,020.5	229.4	9,564	101	39	43,820	215.6	73.2	1,763
28	70	149,894	668.8	102.8	9,486	102	18	86,515	306.9	125.0	1,699
29	63	259,799	1,442.1	201.2	9,255	103	41	57,661	339.2	108.6	1,658
30	81	234,110	1,716.5	209.2	9,182	104	64	36,228	278.4	80.3	1,564
31	67	234,541	1,802.6	215.7	9,087	105	37	45,543	331.4	103.4	1,411
32	16	262,099	988.8	170.0	8,967	106	99	43,181	153.0	71.9	1,278
33	71	195,496	1,348.1	172.4	8,867	107	38	18,839	285.7	72.3	1,032
34	40	166,643	725.8	117.5	8,866	108	102	18,463	246.2	73.2	848
35	29	195,260	825.8	136.9	8,604	109	5	51,209	492.0	175.6	817
36	27	120,780	669.9	97.0	8,599	110	85	29,234	238.0	94.2	784
37	55	151,204	867.2	124.6	8,446	111	45	23,303	122.7	62.4	734
38	105	195,874	1,311.5	174.6	8,426	112	6	43,417	316.7	139.8	704
39	25	136,924	836.5	117.2	8,338	113	7	41,894	229.3	123.6	629
40	17	480,185	2,043.3	348.7	8,069	114	52	13,741	115.0	52.5	573
41	1	260,292	2,019.9	255.4	8,060	115	2	9,730	120.6	51.9	436
42	49	166,932	1,183.1	158.9	7,822	116	103	16,929	105.2	65.3	418
43	30	162,910	1,339.8	167.6	7,771	117	112	10,430	57.1	44.5	301
44	54	211,326	1,352.8	193.8	7,612	118	3	7,345	60.1	50.7	172
45	46	231,265	1,799.8	234.5	7,569	119	4	2,172	26.9	61.8	15
46	9	162,285	814.1	134.2	7,336						
47	114	96,267	933.9	111.1	7,284						
48	62	166,403	1,331.4	174.7	7,259						
49	79	168,262	1,064.1	159.4	7,047						
50	93	115,970	1,064.2	132.6	7,019						
51	108	125,713	762.4	124.0	6,234						
52	10	172,743	1,396.0	198.2	6,139						
53	36	133,256	626.7	116.9	6,111						
54	74	153,709	854.4	146.8	6,094						
55	47	195,825	1,535.4	222.5	6,073						
56	78	200,795	1,092.0	191.1	6,004						
57	80	162,801	643.1	134.7	5,771						
58	115	107,052	568.9	103.3	5,707						
59	116	81,043	814.5	108.9	5,566						
60	22	267,018	1,728.0	290.1	5,483						
61	101	69,838	1,008.8	113.5	5,469						
62	58	196,838	1,382.7	226.8	5,291						
63	95	145,873	758.6	144.7	5,285						
64	82	116,092	771.1	130.5	5,257						
65	42	104,065	565.2	108.9	4,960						
66	24	153,312	1,025.2	178.9	4,911						
67	86	146,664	1,285.7	202.2	4,612						
68	65	81,025	637.4	106.1	4,588						
69	60	152,196	732.9	157.4	4,502						
70	94	117,472	618.0	128.0	4,431						
71	88	99,836	674.9	123.6	4,410						
72	32	146,769	1,156.9	196.6	4,393						
73	23	144,403	711.8	155.6	4,245						
74	100	98,823	1,177.8	169.4	4,056						

Priority Block Selected by M Value

Appendix 5.6 農業1. 農作物の生産

東北地方の主要農産物は、米、メイズ、緑豆、大豆、落花生、キャッサバ、砂糖きび、ケナフ、棉花及びごま等である。基準年とした1981年作物年度の農作物の作付面積、生産量および単位当たり収量は、各県の農業事務所にて調査に当たって収集した各郡段階における、1979/80、1980/81作物年度農業生産統計を基として、更に、農業省から発行された、1979/80、1980/81、1981/82穀物年度の県段階農業統計の報告書により修正を行ったものである。

2. 農作物生産の年伸率および総生産額

現在の条件のままに1993年に至る作付面積と単位当たり収量の伸び率は、Appendix 2.9および2.10でそれぞれ示した過去9カ年のこれ等の伸び率で見積もった上、Appendix 2.4、2.5 および2.8 でそれぞれ示した土地の適応性図や塩害分布図および灌漑計画で調査を行って、算出したものである。

農家庭先価格は、農業省で1981年発行された庭先価格の報告書を参考として基本的に設定した。ただ初価の場合は、うるち米ともち米との価格の差異があるので、この調査では、それぞれの収穫の重量化により定めた。1993年におけるそれぞれの作物の総生産額は、作物の生産量に農家庭先価格を乗じて算した。

(1) PLANTED AREA BY AMPHOE

(1981)

(UNIT : 1000 RAI)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	TOTAL	29,450.900	2,911.490	199.697	310.096	4,922.920	424.101	1,405.180	178.907	158.800	10,511.200	39,962.100
	0100	382.109	1,012.250	113.320	31.570	38.700	7.200	30.470	99.030	84.400	1,416.940	1,799.050
1	0101	75.621	221.952	26.000	1.500	4.000	0.400	0.600	27.400	14.500	296.352	371.973
2	0102	27.937	59.024	9.000	1.100	0.300	-	0.100	0.300	39.500	109.324	137.261
3	0103	52.234	128.928	6.320	1.200	21.200	-	0.070	35.300	8.400	201.418	253.652
4	0104	28.847	73.440	8.000	1.200	2.500	-	-	21.200	6.500	112.840	141.687
5	0105	11.739	88.264	36.400	0.070	1.000	0.800	-	0.500	0.300	127.334	139.073
6	0106	10.647	27.200	0.300	1.000	-	0.200	-	0.050	0.100	28.850	39.497
7	0107	55.146	100.368	9.700	16.300	1.600	-	-	1.500	1.300	130.768	185.914
8	0108	13.104	17.408	0.500	0.500	0.300	-	0.200	0.080	0.200	19.188	32.292
9	0109	79.170	200.464	3.500	2.800	2.200	0.700	26.000	4.600	9.000	249.264	328.434
10	0110	27.664	95.200	13.600	5.900	5.600	5.100	3.500	8.100	4.600	141.600	169.264
	0200	2,545.160	244.343	2.502	7.400	330.200	247.120	159.900	3.506	-	994.971	3,540.130
11	0201	237.684	-	0.060	0.500	9.800	7.100	2.100	0.006	-	19.566	257.250
12	0202	50.228	66.878	0.700	0.600	64.200	0.100	1.800	3.400	-	137.678	187.906
13	0203	93.960	18.564	0.020	0.500	18.900	0.200	4.700	-	-	42.884	136.844
14	0204	179.684	0.952	0.160	0.800	19.900	11.200	2.200	-	-	35.212	214.896
15	0205	62.756	2.261	-	0.400	8.900	12.800	1.300	-	-	25.661	88.417
16	0206	202.420	0.024	0.040	0.300	4.500	0.200	1.000	0.030	-	6.094	208.514
17	0207	111.360	-	0.060	0.200	0.200	-	0.300	-	-	0.760	112.120
18	0208	148.364	0.357	0.100	0.200	28.900	13.500	4.600	0.040	-	47.697	196.061
19	0209	64.264	0.012	0.300	0.030	0.500	0.300	0.500	-	-	1.642	65.906
20	0210	89.204	152.677	0.400	0.200	14.400	3.700	62.400	-	-	233.777	322.981
21	0211	174.000	0.119	0.100	0.100	11.800	0.020	8.200	0.020	-	20.359	194.359
22	0212	221.444	0.238	0.200	0.400	7.300	0.200	12.800	-	-	21.138	242.582
23	0213	170.056	-	-	0.300	7.600	0.100	2.900	0.010	-	10.910	180.966
24	0214	67.164	-	0.030	0.200	37.600	3.000	0.900	-	-	41.730	108.894
25	0215	62.640	1.309	-	0.400	20.000	27.500	2.700	-	-	51.909	114.549
26	0216	237.684	0.714	0.300	1.600	23.800	98.000	2.500	-	-	126.914	364.598
27	0217	240.236	0.238	0.020	0.600	25.900	18.400	31.200	-	-	76.358	316.594
28	0218	34.916	-	0.010	0.030	5.300	7.600	2.400	-	-	15.340	50.256
29	0219	60.900	-	0.002	0.040	5.500	41.000	8.600	-	-	55.142	116.042
30	0220	36.192	-	-	-	15.200	2.200	6.800	-	-	24.200	60.392

PLANTED AREA BY AMPHOE

(1981)

(UNIT : 1000 RAI)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	0300	1,140.210	15.700	9.140	7.450	318.920	3.370	49.500	10.470	-	414.550	1,554.760
31	0301	158.850	0.300	1.100	0.100	3.060	0.600	0.600	-	-	5.760	164.610
32	0302	16.110	1.400	5.100	0.050	5.100	0.010	-	9.400	-	21.060	37.170
33	0303	40.320	0.200	0.400	0.200	91.630	0.030	0.100	1.000	-	93.560	133.880
34	0304	90.180	2.800	0.100	0.700	6.800	0.400	1.900	-	-	12.700	102.880
35	0305	284.310	-	2.400	4.900	46.920	2.000	21.200	0.050	-	77.470	361.780
36	0306	36.180	8.700	0.040	0.400	20.740	0.010	6.000	-	-	35.890	72.070
37	0307	86.220	0.200	-	-	42.670	-	2.700	-	-	45.570	131.790
38	0308	195.210	0.600	-	0.100	23.120	0.100	2.900	-	-	26.820	222.030
39	0309	52.020	1.300	-	0.200	33.660	0.020	5.600	-	-	40.780	92.800
40	0310	180.810	0.200	-	0.800	45.220	0.200	8.500	0.020	-	54.940	235.750
	0400	1,652.900	10.740	-	9.700	114.100	9.237	48.360	0.970	-	193.107	1,846.010
41	0401	312.800	1.300	-	2.100	7.400	0.300	4.400	0.250	-	15.750	328.550
42	0402	135.800	2.800	-	0.600	9.800	0.900	10.900	0.080	-	25.080	160.880
43	0403	66.400	0.700	-	0.100	5.000	0.005	5.100	0.010	-	10.915	77.315
44	0404	346.000	2.900	-	0.800	3.600	1.500	2.800	-	-	11.600	357.600
45	0405	151.500	-	-	0.100	0.700	-	1.700	-	-	2.500	154.000
46	0406	126.600	0.900	-	0.200	5.200	0.100	2.200	0.180	-	8.780	135.380
47	0407	24.900	0.040	-	0.200	11.200	0.700	0.500	-	-	12.640	37.540
48	0408	123.300	0.600	-	0.800	37.900	3.200	0.800	0.180	-	43.480	166.780
49	0409	57.800	0.100	-	0.300	0.100	0.200	0.060	0.020	-	0.780	58.580
50	0410	11.800	0.300	-	1.000	9.000	0.200	14.000	-	-	24.500	36.300
51	0411	106.100	0.200	-	2.200	2.000	2.100	0.800	0.160	-	7.460	113.560
52	0412	101.700	-	-	0.700	-	0.002	1.000	0.050	-	1.752	103.452
53	0413	46.600	0.300	-	0.400	20.000	0.020	2.800	0.020	-	23.540	70.140
54	0414	41.600	0.600	-	0.200	2.200	0.010	1.300	0.020	-	4.330	45.930

PLANTED AREA BY AMPHOE

(1981)

(UNIT : 1000 RAI)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	0500	1,189.300	4.800	0.840	6.616	71.680	21.834	41.450	-	-	147.220	1,336.520
55	0501	112.300	0.200	0.020	0.300	0.300	1.080	1.900	-	-	3.800	116.100
56	0502	53.900	0.300	0.280	0.400	4.200	1.260	2.300	-	-	8.740	62.640
57	0503	67.800	0.400	0.040	0.500	5.800	1.620	3.200	-	-	11.560	79.360
58	0504	77.000	-	-	0.004	0.050	0.018	0.030	-	-	0.102	77.102
59	0505	166.500	0.800	0.100	1.100	12.400	3.600	6.900	-	-	24.900	191.400
60	0506	81.300	0.100	0.010	0.100	1.600	0.540	0.900	-	-	3.250	84.550
61	0507	84.600	-	-	0.002	0.030	-	0.020	-	-	0.052	84.652
62	0508	135.900	0.100	0.010	0.100	1.100	0.360	0.600	-	-	2.270	138.170
63	0509	82.601	0.200	0.020	0.200	2.600	0.720	1.400	-	-	5.140	87.741
64	0510	28.000	0.040	-	0.100	0.600	0.180	0.300	-	-	1.220	29.220
65	0511	65.700	0.200	0.020	0.300	3.400	1.080	1.900	-	-	6.900	72.600
66	0512	126.100	2.100	0.300	3.000	34.400	9.900	19.100	-	-	68.800	194.900
67	0513	24.900	0.010	-	0.010	0.100	0.036	0.100	-	-	0.256	25.156
68	0514	37.700	0.050	0.010	0.100	0.800	0.180	0.400	-	-	1.540	39.240
69	0515	45.000	0.300	0.030	0.400	4.300	1.260	2.400	-	-	8.690	53.690
	0600	1,906.800	121.230	16.400	11.680	460.401	65.300	139.800	0.785	-	815.596	2,722.400
70	0601	230.000	-	-	3.900	26.270	2.800	1.200	-	-	34.170	264.170
71	0602	122.100	24.200	10.900	3.100	16.808	4.000	14.700	0.300	-	74.008	196.108
72	0603	65.200	95.300	3.700	0.200	118.649	-	16.400	-	-	234.249	299.449
73	0604	161.500	-	0.040	0.600	38.844	0.600	19.000	0.060	-	59.144	220.644
74	0605	121.000	-	1.000	0.150	10.458	0.600	6.500	-	-	18.708	139.708
75	0606	107.500	-	0.060	0.300	8.092	5.900	9.900	-	-	24.253	131.753
76	0607	39.300	-	0.020	0.700	15.563	3.500	4.600	0.005	-	24.387	63.688
77	0608	53.300	0.030	0.030	0.020	7.968	6.800	2.500	-	-	17.348	70.648
78	0609	143.600	-	0.100	0.300	14.442	18.300	2.600	0.020	-	35.762	179.362
79	0610	119.500	1.700	0.040	1.600	37.848	20.400	3.200	-	-	64.788	184.288
80	0611	62.000	-	-	0.100	6.848	0.800	5.500	-	-	13.248	75.248
81	0612	85.700	-	-	0.100	19.422	0.400	9.500	-	-	29.422	115.122
82	0613	151.000	-	-	0.200	54.033	1.000	10.400	0.400	-	66.033	217.033
83	0614	55.600	-	0.500	0.100	13.695	-	8.800	-	-	23.095	78.695
84	0615	59.900	-	-	0.100	9.338	-	9.600	-	-	19.038	78.938
85	0616	70.200	-	-	0.050	8.217	-	7.800	-	-	16.067	86.267
86	0617	108.300	-	0.010	0.100	27.390	-	2.600	-	-	30.100	138.400
87	0618	119.500	-	-	0.040	8.840	-	2.500	-	-	11.380	130.880
88	0619	31.600	-	-	0.020	17.679	0.200	2.500	-	-	20.399	51.999

PLANTED AREA BY AMPHOE

(1981)

(UNIT : 1000 RAI)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	0700	1,591.500	7.600	0.150	6.500	174.500	9.600	77.000	-	-	275.350	1,866.850
89	0701	159.100	1.000	-	1.800	31.800	-	14.000	-	-	48.600	207.700
90	0702	147.800	1.900	-	1.000	17.200	2.900	-	-	-	23.000	170.800
91	0703	184.500	0.400	-	0.100	26.700	0.900	-	-	-	28.100	212.600
92	0704	142.900	1.800	0.100	1.900	21.100	-	5.500	-	-	30.400	173.300
93	0705	257.800	1.100	-	0.600	29.000	4.600	11.600	-	-	46.900	304.700
94	0706	55.600	0.300	-	0.100	2.700	-	4.600	-	-	7.700	63.300
95	0707	126.800	0.100	0.030	0.300	27.600	0.300	17.000	-	-	45.330	172.130
96	0708	175.200	0.600	-	0.200	0.800	0.200	7.600	-	-	9.400	184.600
97	0709	66.600	-	0.020	0.200	16.800	0.700	10.000	-	-	27.720	94.320
98	0710	275.200	0.400	-	0.300	0.800	-	6.700	-	-	8.200	283.400
	0800	1,169.000	3.300	1.230	28.840	386.500	11.360	45.210	1.300	-	477.740	1,646.740
99	0801	135.400	-	-	7.700	95.100	0.010	0.100	-	-	102.910	238.310
100	0802	27.400	1.200	0.040	0.500	5.200	6.600	3.000	0.100	-	16.640	44.040
101	0803	62.400	1.400	0.010	0.300	76.200	-	0.100	-	-	78.010	140.410
102	0804	79.000	-	1.100	1.000	13.500	0.300	3.000	1.000	-	19.900	98.900
103	0805	59.900	0.300	0.020	0.200	33.100	0.100	0.010	-	-	33.730	93.630
104	0806	98.100	-	-	0.100	8.100	-	0.200	-	-	8.400	106.500
105	0807	63.600	-	-	0.100	22.600	0.400	6.400	-	-	29.500	93.100
106	0808	78.600	-	0.010	1.700	8.000	-	7.100	0.200	-	17.010	95.610
107	0809	119.600	-	0.050	0.800	66.000	0.700	19.700	-	-	87.250	206.850
108	0810	55.000	0.400	-	0.040	6.900	3.200	2.000	-	-	12.540	67.540
109	0811	182.300	-	-	6.600	35.400	0.050	0.300	-	-	42.350	224.650
110	0812	174.500	-	-	9.200	12.400	-	3.300	-	-	24.900	199.400
111	0813	33.200	-	-	0.600	4.000	-	-	-	-	4.600	37.800

PLANTED AREA BY AMPHOE

(1981)

(UNIT : 1000 RAI)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	0900	2,420.600	18.040	0.610	17.490	200.074	1.400	7.700	-	-	245.314	2,665.910
112	0901	280.820	3.600	-	4.900	1.470	-	5.400	-	-	15.370	296.190
113	0902	102.980	0.800	0.010	1.900	26.600	0.200	-	-	-	29.510	132.490
114	0903	203.015	4.200	0.300	1.300	122.990	0.100	-	-	-	128.890	331.905
115	0904	46.075	0.100	-	0.100	6.370	0.500	-	-	-	7.070	53.145
116	0905	80.655	0.400	0.100	0.300	26.600	0.600	-	-	-	28.000	108.655
117	0906	225.340	0.500	-	2.200	0.560	-	-	-	-	3.260	228.600
118	0907	197.885	0.800	0.200	1.200	10.290	-	-	-	-	12.490	210.375
119	0908	182.400	3.900	-	1.900	0.280	-	-	-	-	6.080	188.480
120	0909	37.050	0.100	-	0.090	0.350	-	-	-	-	0.540	37.590
121	0910	154.565	2.000	-	1.100	0.770	-	-	-	-	3.870	158.435
122	0911	141.645	0.300	-	0.100	-	-	-	-	-	0.400	142.045
123	0912	335.635	0.010	-	0.050	-	-	-	-	-	0.060	335.695
124	0913	235.790	0.030	-	0.800	3.570	-	2.300	-	-	6.700	242.490
125	0914	143.450	1.200	-	1.500	0.210	-	-	-	-	2.910	146.360
126	0915	53.295	0.100	-	0.050	0.014	-	-	-	-	0.164	53.459
	1000	1,018.350	-	-	3.060	55.518	-	78.400	-	-	136.978	1,155.330
127	1001	193.950	-	-	0.900	17.556	-	23.800	-	-	42.256	236.206
128	1002	68.130	-	-	0.100	5.472	-	3.500	-	-	9.072	77.202
129	1003	132.120	-	-	0.040	10.944	-	3.100	-	-	14.084	146.204
130	1004	217.800	-	-	1.300	13.110	-	21.600	-	-	36.010	253.810
131	1005	70.470	-	-	0.300	2.850	-	7.200	-	-	10.350	80.820
132	1006	127.710	-	-	0.300	5.586	-	9.300	-	-	15.186	142.896
133	1007	158.490	-	-	0.100	-	-	5.600	-	-	5.700	164.190
134	1008	49.680	-	-	0.020	-	-	4.300	-	-	4.320	54.000

PLANTED AREA BY AMPHOE

(1981)

(UNIT : 1000 RAI)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	1100	3,552.860	84.330	0.375	16.860	67.100	-	169.685	3.830	-	342.180	3,895.040
135	1101	189.888	0.030	-	0.200	0.900	-	8.160	-	-	9.290	199.178
136	1102	48.392	-	-	0.500	7.900	-	4.920	0.300	-	13.620	62.012
137	1103	222.364	-	-	0.200	2.400	-	0.120	0.020	-	2.740	225.104
138	1104	84.824	-	-	0.200	0.700	-	0.600	-	-	1.500	86.324
139	1105	347.852	-	-	0.200	9.900	-	7.440	-	-	17.540	365.392
140	1106	95.680	-	-	0.100	3.500	-	4.680	-	-	8.280	103.960
141	1107	196.604	-	-	0.200	0.300	-	27.720	-	-	28.220	224.824
142	1108	221.628	-	-	0.200	0.200	-	7.920	-	-	8.320	229.948
143	1109	102.580	-	-	0.060	0.900	-	1.560	0.010	-	2.530	105.110
144	1110	84.640	-	0.005	0.100	6.100	-	0.005	-	-	6.210	90.850
145	1111	212.336	-	0.020	0.300	1.300	-	2.520	-	-	4.140	216.476
146	1112	89.792	-	-	0.100	-	-	0.240	-	-	0.340	90.132
147	1113	121.164	-	0.020	0.100	1.700	-	1.920	-	-	3.740	124.904
148	1114	73.324	-	-	0.500	1.500	-	5.880	-	-	7.880	81.204
149	1115	415.380	-	-	1.300	4.200	-	20.880	-	-	26.380	441.760
150	1116	368.276	-	0.100	0.200	0.300	-	21.000	-	-	21.600	389.876
151	1117	382.720	3.600	0.100	2.900	12.000	-	33.600	0.100	-	52.300	435.020
152	1118	33.580	80.500	0.100	8.600	7.900	-	10.200	3.400	-	110.700	144.280
153	1119	77.464	0.200	0.030	0.200	1.300	-	1.560	-	-	3.290	80.754
154	1120	184.368	-	-	0.700	4.100	-	8.760	-	-	13.560	197.928
	1200	1,246.500	203.800	15.440	21.290	281.500	12.300	184.000	5.210	-	723.540	1,970.040
155	1201	192.500	15.900	1.200	3.900	48.600	-	79.500	-	-	149.100	341.600
156	1202	44.800	73.400	11.200	0.100	0.300	3.500	1.200	0.050	-	89.750	134.550
157	1203	127.800	1.600	0.600	0.800	17.200	-	4.100	-	-	24.300	152.100
158	1204	186.300	-	-	-	6.100	7.500	19.000	-	-	32.600	218.900
159	1205	53.100	0.100	0.020	0.040	4.200	1.000	0.300	0.030	-	5.690	58.790
160	1206	166.900	5.300	0.400	0.300	2.100	-	5.300	0.060	-	13.460	180.360
161	1207	77.800	-	-	0.020	9.100	-	15.800	-	-	24.920	102.720
162	1208	124.700	27.000	0.600	0.300	9.700	-	12.200	4.500	-	54.300	179.000
163	1209	11.000	1.400	-	13.500	13.500	-	7.200	-	-	35.600	46.600
164	1210	71.800	-	-	0.100	19.400	0.300	12.700	-	-	32.500	104.300
165	1211	23.300	71.800	1.400	1.900	72.400	-	3.800	0.500	-	151.800	175.100
166	1212	61.100	6.300	0.020	0.030	41.500	-	1.100	-	-	48.950	110.050
167	1213	105.400	1.000	-	0.300	37.400	-	21.800	0.070	-	60.570	165.970

PLANTED AREA BY AMPHOE

(1981)

(UNIT : 1000 RAI)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	1300	2,490.750	1,008.300	34.640	56.000	2,076.430	4.060	78.300	53.806	-	3,311.540	5,802.290
168	1301	99.540	0.300	0.700	0.900	120.309	-	0.200	-	-	122.409	221.949
169	1302	260.730	-	0.040	0.200	241.094	0.100	17.600	-	-	259.034	519.764
170	1303	35.550	0.030	-	-	14.994	-	7.300	-	-	22.324	57.874
171	1304	178.200	1.000	0.030	0.200	26.180	-	7.100	0.020	-	34.530	212.730
172	1305	90.900	9.500	0.600	1.000	4.641	-	7.600	0.030	-	23.371	114.271
173	1306	219.600	0.030	0.030	0.100	5.474	-	0.800	-	-	6.434	226.034
174	1307	251.820	0.500	0.100	0.200	151.249	-	0.300	-	-	152.349	404.169
175	1308	224.460	-	0.400	0.200	10.234	-	4.900	-	-	15.734	240.194
176	1309	195.120	0.800	0.100	0.400	173.145	0.400	23.000	-	-	197.845	392.965
177	1310	127.980	-	-	-	44.387	-	0.300	-	-	44.687	172.667
178	1311	117.720	0.600	0.020	0.100	47.362	-	0.100	-	-	48.182	165.902
179	1312	84.330	54.600	2.400	4.200	102.697	-	0.900	1.300	-	166.097	250.427
180	1313	140.940	6.700	0.900	1.200	44.387	0.400	5.200	0.900	-	59.687	200.627
181	1314	34.650	0.040	5.000	0.300	40.698	-	-	0.006	-	46.044	80.694
182	1315	50.130	10.400	8.000	8.000	103.530	0.040	0.400	1.500	-	131.870	182.000
183	1316	82.440	52.600	1.500	5.500	196.231	-	-	0.800	-	256.631	339.071
184	1317	5.400	713.700	14.000	12.400	42.959	2.100	-	46.100	-	831.259	836.659
185	1318	94.140	15.500	0.500	5.400	186.592	1.000	-	2.400	-	211.392	305.532
186	1319	112.320	38.000	0.200	3.400	296.310	-	2.600	0.050	-	340.560	452.880
187	1320	50.310	104.000	0.100	2.000	125.188	0.020	-	0.600	-	231.908	282.218
188	1321	34.470	-	0.020	10.300	98.770	-	-	0.100	-	109.190	143.660
	1400	2,571.840	44.530	1.510	28.400	250.100	26.160	77.800	-	74.400	502.900	3,074.740
189	1401	342.270	0.400	0.500	1.600	3.800	5.300	6.600	-	24.600	42.800	385.070
190	1402	281.520	0.400	-	0.900	7.700	-	2.500	-	0.100	11.600	293.120
191	1403	69.750	0.060	-	1.400	36.000	12.700	18.500	-	5.000	73.660	143.410
192	1404	225.540	0.030	-	1.600	19.900	7.100	12.300	-	29.200	70.130	295.670
193	1405	220.680	1.300	-	2.500	4.700	0.040	12.000	-	7.500	28.040	248.720
194	1406	366.210	2.300	0.400	1.100	8.700	0.800	11.000	-	1.500	25.800	392.010
195	1407	104.760	3.500	0.200	0.700	20.600	-	3.800	-	0.300	29.100	133.860
196	1408	302.760	18.040	0.010	0.100	34.200	0.200	4.400	-	-	56.950	359.710
197	1409	71.280	2.600	-	2.700	10.900	-	1.100	-	1.200	18.500	89.780
198	1410	83.160	12.600	0.200	8.600	36.400	0.020	1.700	-	1.500	61.020	144.180
199	1411	416.160	0.200	0.200	0.200	2.700	-	2.300	-	0.100	5.700	421.860
200	1412	87.750	3.100	-	7.000	64.500	-	1.600	-	3.400	79.600	167.350

PLANTED AREA BY AMPHOE

(1981)

(UNIT : 1000 RAI)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	1500	2,383.100	7.300	0.420	9.240	51.400	5.160	81.000	-	-	154.520	2,537.620
201	1501	412.400	1.600	0.200	2.300	3.000	0.300	6.900	-	-	14.300	426.700
202	1502	190.700	0.100	0.100	0.100	-	-	0.600	-	-	0.900	191.600
203	1503	191.000	0.100	-	0.100	8.000	-	26.000	-	-	34.200	225.200
204	1504	76.900	0.100	-	0.100	1.200	0.020	0.600	-	-	2.020	78.920
205	1505	135.600	0.500	-	0.400	7.000	0.030	2.600	-	-	10.530	146.130
206	1506	203.400	0.700	-	0.040	8.200	-	-	-	-	8.940	212.340
207	1507	99.900	0.100	-	0.300	-	0.100	3.700	-	-	4.200	104.100
208	1508	201.000	1.200	-	1.100	4.200	0.100	3.700	-	-	10.300	211.300
209	1509	60.500	-	0.020	0.300	4.200	-	2.800	-	-	7.320	67.820
210	1510	184.100	0.400	0.100	0.600	2.600	0.010	15.700	-	-	19.410	203.510
211	1511	430.000	0.300	-	2.100	0.600	-	12.000	-	-	15.000	445.000
212	1512	162.700	0.400	-	0.300	5.400	2.300	3.700	-	-	12.100	174.800
213	1513	34.900	1.800	-	1.500	7.000	2.300	2.700	-	-	15.300	50.200
	1600	2,189.900	125.230	3.120	48.000	45.800	-	136.600	-	-	358.750	2,548.650
214	1601	205.800	-	-	0.030	-	-	3.300	-	-	3.330	209.130
215	1602	239.400	-	-	0.100	-	-	3.800	-	-	3.900	243.300
216	1603	115.300	-	0.020	0.800	-	-	0.500	-	-	1.320	116.620
217	1604	208.400	3.150	-	0.400	0.500	-	30.000	-	-	34.050	242.450
218	1605	238.800	-	-	0.200	-	-	3.500	-	-	3.700	242.500
219	1606	107.000	-	-	0.100	-	-	1.200	-	-	1.300	108.300
220	1607	131.400	-	-	0.040	2.500	-	2.500	-	-	5.040	136.440
221	1608	355.400	0.280	0.100	1.100	2.500	-	59.400	-	-	63.380	418.780
222	1609	94.300	-	-	0.030	0.200	-	0.500	-	-	0.730	95.030
223	1610	114.100	17.010	-	14.500	8.800	-	6.300	-	-	46.610	160.710
224	1611	17.100	-	-	0.300	0.200	-	0.500	-	-	1.000	18.100
225	1612	97.500	-	-	0.600	-	-	5.800	-	-	6.400	103.900
226	1613	265.400	104.790	3.000	29.800	31.100	-	19.300	-	-	187.990	453.390

(2) CROP PRODUCTION AMOUNT BY AMPHOE

(1981)

(UNIT : TON)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	TOTAL	6,257,550	814,959	28,242	55,195	10,386,900	2,778,750	241,890	32,476	16,824	14,355,200	20,612,800
	0100	157,622	318,854	17,244	5,236	116,100	35,760	5,484	19,806	10,128	528,612	686,234
1	0101	31,156	69,915	4,264	249	12,000	2,000	108	5,480	1,740	95,756	126,912
2	0102	11,314	18,711	1,260	183	900	-	18	60	4,740	25,872	37,186
3	0103	21,416	40,354	948	199	63,600	-	12	7,060	1,008	113,181	134,597
4	0104	11,654	23,280	1,336	199	7,500	-	-	4,240	780	37,335	48,989
5	0105	4,895	27,803	5,060	11	3,000	3,800	-	100	36	39,810	44,705
6	0106	4,419	8,568	45	162	-	960	-	10	12	9,757	14,176
7	0107	22,444	31,415	1,513	2,706	4,800	-	-	300	156	40,890	63,334
8	0108	5,399	5,484	78	83	900	-	36	16	24	6,621	12,020
9	0109	33,251	63,146	564	465	6,600	3,500	4,680	920	1,080	80,955	114,206
10	0110	11,674	30,178	2,176	979	16,800	25,500	630	1,620	552	78,435	90,109
	0200	636,955	63,324	359	1,091	851,724	1,668,420	27,555	761	-	2,613,230	3,250,190
11	0201	60,609	-	7	67	29,086	42,600	353	1	-	72,114	132,723
12	0202	11,201	17,656	137	103	188,491	700	297	748	-	208,132	219,333
13	0203	23,678	4,901	4	70	28,350	1,400	846	-	-	35,571	59,249
14	0204	39,710	217	19	172	53,730	74,715	422	-	-	129,275	168,985
15	0205	16,819	597	-	70	26,700	96,000	218	-	-	123,585	140,404
16	0206	55,058	5	7	40	9,959	1,200	138	3	-	11,352	66,410
17	0207	30,179	-	11	24	460	-	34	-	-	529	30,708
18	0208	32,492	78	15	21	81,209	94,500	745	4	-	176,572	209,064
19	0209	14,138	2	52	5	1,500	2,081	60	-	-	3,700	17,838
20	0210	25,423	39,391	42	38	39,413	25,900	13,915	-	-	118,699	144,122
21	0211	41,934	23	10	14	29,500	110	1,328	4	-	30,989	72,923
22	0212	54,254	43	29	66	21,900	1,400	1,498	-	-	24,936	79,190
23	0213	43,704	-	-	33	22,420	700	383	1	-	23,537	67,241
24	0214	17,664	-	3	24	107,837	23,379	99	-	-	131,342	149,006
25	0215	18,291	191	-	54	40,000	192,500	324	-	-	233,069	251,360
26	0216	56,569	156	20	205	46,315	655,032	418	-	-	702,146	758,715
27	0217	65,104	64	2	77	51,748	110,400	4,118	-	-	166,409	231,513
28	0218	9,043	-	1	3	15,900	45,600	317	-	-	61,821	70,864
29	0219	14,860	-	-	5	16,500	287,000	1,144	-	-	304,649	319,509
30	0220	6,225	-	-	-	40,706	13,200	898	-	-	54,804	61,029

CROP PRODUCTION AMOUNT BY AMPHOE

(1981)

(UNIT : TON)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	0300	262,080	3,151	1,371	1,314	790,358	16,073	8,090	1,739	-	822,096	1,084,180
31	0301	34,153	68	145	21	7,803	2,700	83	-	-	10,820	44,973
32	0302	3,206	315	765	9	13,005	45	-	1,504	-	15,643	18,849
33	0303	10,443	41	72	50	233,657	135	17	224	-	234,196	244,639
34	0304	24,890	630	10	189	17,340	1,800	285	-	-	20,254	45,144
35	0305	61,127	-	372	882	119,646	9,900	3,498	8	-	134,306	195,433
36	0306	10,167	1,610	7	90	52,887	53	600	-	-	55,247	65,414
37	0307	19,744	44	-	-	108,809	-	486	-	-	109,339	129,083
38	0308	47,241	120	-	32	58,956	450	583	-	-	60,141	107,382
39	0309	13,681	278	-	41	62,944	90	1,008	-	-	64,361	78,042
40	0310	37,428	45	-	-	115,311	900	1,530	3	-	117,789	155,217
	0400	353,466	2,803	-	1,834	294,378	36,948	7,787	116	-	343,866	697,332
41	0401	66,001	312	-	397	19,092	1,200	708	30	-	21,739	87,740
42	0402	26,345	748	-	113	25,284	3,600	1,755	10	-	31,510	57,855
43	0403	15,206	187	-	19	12,900	20	821	1	-	13,948	29,154
44	0404	72,314	754	-	151	9,288	6,000	451	-	-	16,644	88,958
45	0405	29,391	-	-	19	1,806	-	274	-	-	2,099	31,490
46	0406	28,358	240	-	38	13,416	400	354	22	-	14,470	42,828
47	0407	6,175	11	-	38	28,896	2,800	81	-	-	31,826	38,001
48	0408	30,948	160	-	151	97,782	12,800	129	22	-	111,044	141,992
49	0409	11,155	27	-	57	258	800	10	2	-	1,154	12,309
50	0410	2,407	80	-	189	23,220	800	2,254	-	-	26,543	28,950
51	0411	22,812	53	-	416	5,160	8,400	129	19	-	14,177	36,989
52	0412	22,374	-	-	132	-	8	161	6	-	307	22,681
53	0413	11,743	81	-	76	51,600	80	451	2	-	52,290	64,033
54	0414	8,237	150	-	38	5,676	40	209	2	-	6,115	14,352

CROP PRODUCTION AMOUNT BY AMPHOE

(1981)

(UNIT : TON)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	0500	252,905	576	115	1,257	179,200	150,682	7,258	-	-	339,088	591,993
55	0501	23,022	24	3	57	750	7,020	333	-	-	8,187	31,209
56	0502	12,128	36	40	76	10,500	8,190	403	-	-	19,245	31,373
57	0503	15,255	48	6	95	14,500	10,530	560	-	-	25,739	40,994
58	0504	15,785	-	-	1	125	117	5	-	-	248	16,033
59	0505	34,133	96	9	209	31,000	25,736	1,208	-	-	58,258	92,391
60	0506	16,667	12	1	19	4,000	3,510	158	-	-	7,700	24,367
61	0507	17,343	-	-	-	75	-	4	-	-	79	17,422
62	0508	27,859	12	1	19	2,750	2,340	105	-	-	5,227	33,086
63	0509	16,933	24	3	38	6,500	4,680	245	-	-	11,490	28,423
64	0510	6,300	5	-	19	1,500	1,170	53	-	-	2,747	9,047
65	0511	14,782	24	3	57	8,500	7,020	333	-	-	15,937	30,719
66	0512	28,373	252	44	570	86,000	70,775	3,343	-	-	160,984	189,357
67	0513	5,627	1	-	2	250	234	18	-	-	505	6,132
68	0514	8,483	6	1	19	2,000	1,170	70	-	-	3,266	11,749
69	0515	10,215	36	4	76	10,750	8,190	420	-	-	19,476	29,691
	0600	500,528	24,588	2,654	1,812	952,712	471,993	24,340	83	-	1,478,180	1,978,710
70	0601	62,100	-	-	690	52,539	18,600	151	-	-	71,980	134,080
71	0602	34,432	6,437	1,755	384	33,615	30,364	2,528	32	-	75,115	109,547
72	0603	18,386	17,916	599	36	284,756	-	2,755	-	-	306,062	324,448
73	0604	44,090	-	8	140	77,688	3,986	3,192	6	-	85,020	129,110
74	0605	31,823	-	195	32	20,916	4,555	982	-	-	26,680	58,503
75	0606	30,315	-	8	48	17,804	39,194	1,584	-	-	58,638	88,953
76	0607	10,729	-	3	114	34,238	24,910	1,352	1	-	60,618	71,347
77	0608	14,018	5	4	3	15,936	48,396	378	-	-	64,722	78,740
78	0609	37,767	-	15	51	28,884	130,241	458	2	-	159,651	197,418
79	0610	33,699	230	5	187	75,696	154,856	403	-	-	231,377	265,076
80	0611	17,484	-	-	17	13,695	5,314	968	-	-	19,994	37,478
81	0612	21,682	-	-	14	29,133	2,657	1,596	-	-	33,400	55,082
82	0613	38,203	-	-	33	103,203	7,591	1,674	42	-	112,543	150,746
83	0614	14,067	-	60	13	27,390	-	2,218	-	-	29,681	43,748
84	0615	14,616	-	-	16	18,675	-	1,690	-	-	20,381	34,997
85	0616	16,497	-	-	8	14,791	-	1,178	-	-	15,977	32,474
86	0617	20,360	-	2	17	49,302	-	393	-	-	49,714	70,074
87	0618	32,265	-	-	7	17,679	-	315	-	-	18,001	50,266
88	0619	7,995	-	-	2	36,772	1,329	525	-	-	38,628	46,623

CROP PRODUCTION AMOUNT BY AMPHOE

(1981)

(UNIT : TON)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	0700	277,219	1,765	15	918	338,412	48,552	13,485	-	-	403,147	680,366
89	0701	28,638	300	-	252	47,700	-	2,002	-	-	50,254	78,892
90	0702	26,604	405	-	91	55,040	11,832	-	-	-	67,368	93,972
91	0703	33,210	120	-	19	66,750	3,672	-	-	-	70,561	103,771
92	0704	28,294	540	9	333	25,320	-	836	-	-	27,038	55,332
93	0705	47,951	124	-	96	58,000	28,152	1,891	-	-	88,263	136,214
94	0706	9,619	90	-	12	2,430	-	1,178	-	-	3,710	13,329
95	0707	21,302	17	2	35	55,200	1,224	3,417	-	-	59,895	81,197
96	0708	24,178	68	-	21	1,440	816	1,155	-	-	3,500	27,678
97	0709	11,189	-	4	25	25,200	2,856	1,900	-	-	29,985	41,174
98	0710	46,234	101	-	34	1,332	-	1,106	-	-	2,573	48,807
	0800	274,562	756	180	5,400	1,028,010	63,842	9,786	174	-	1,108,150	1,382,710
99	0801	29,517	-	-	1,432	254,773	50	22	-	-	256,277	285,794
100	0802	7,316	280	6	95	15,309	37,105	672	14	-	53,481	60,797
101	0803	16,661	318	1	57	207,340	-	23	-	-	207,739	224,400
102	0804	20,382	-	160	180	35,910	1,686	672	132	-	38,740	59,122
103	0805	14,556	68	3	38	86,854	562	2	-	-	87,527	102,083
104	0806	26,291	-	-	19	20,971	-	45	-	-	21,035	47,326
105	0807	16,790	-	-	19	60,274	2,249	1,434	-	-	63,976	80,766
106	0808	20,593	-	2	320	20,648	-	1,590	28	-	22,588	43,181
107	0809	28,824	-	8	152	172,326	3,935	4,196	-	-	180,617	209,441
108	0810	14,685	90	-	8	18,009	17,974	448	-	-	36,529	51,214
109	0811	45,940	-	-	1,254	94,943	281	68	-	-	96,546	142,486
110	0812	26,699	-	-	1,711	30,330	-	614	-	-	32,655	59,354
111	0813	6,308	-	-	115	10,324	-	-	-	-	10,439	16,747

CROP PRODUCTION AMOUNT BY AMPHOE

(1981)

(UNIT : TON)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	0900	442,319	3,247	71	2,781	420,155	9,800	1,232	-	-	437,286	879,605
112	0901	63,746	648	-	813	3,087	-	864	-	-	5,412	69,158
113	0902	21,214	144	1	274	55,860	1,400	-	-	-	57,679	78,893
114	0903	33,294	756	35	181	258,279	700	-	-	-	259,951	293,245
115	0904	8,247	18	-	16	13,377	3,500	-	-	-	16,911	25,158
116	0905	15,244	72	12	49	55,860	4,200	-	-	-	60,193	75,437
117	0906	45,744	90	-	361	1,176	-	-	-	-	1,627	47,371
118	0907	49,075	144	23	194	21,609	-	-	-	-	21,970	71,045
119	0908	20,429	702	-	308	588	-	-	-	-	1,598	22,027
120	0909	5,891	18	-	15	735	-	-	-	-	768	6,659
121	0910	24,421	360	-	180	1,617	-	-	-	-	2,157	26,578
122	0911	25,354	54	-	16	-	-	-	-	-	70	25,424
123	0912	56,051	2	-	8	-	-	-	-	-	10	56,061
124	0913	30,888	5	-	115	7,497	-	368	-	-	7,985	38,873
125	0914	36,006	216	-	243	441	-	-	-	-	900	36,906
126	0915	6,715	18	-	8	29	-	-	-	-	55	6,770
	1000	199,378	-	-	583	115,107	-	12,937	-	-	128,627	328,005
127	1001	37,820	-	-	171	35,112	-	3,927	-	-	39,210	77,030
128	1002	14,103	-	-	19	15,015	-	578	-	-	15,612	29,715
129	1003	27,349	-	-	8	21,888	-	511	-	-	22,407	49,756
130	1004	45,302	-	-	247	26,220	-	3,564	-	-	30,031	75,333
131	1005	14,094	-	-	57	5,700	-	1,188	-	-	6,945	21,039
132	1006	26,691	-	-	58	11,172	-	1,535	-	-	12,765	39,456
133	1007	26,468	-	-	19	-	-	924	-	-	943	27,411
134	1008	7,551	-	-	4	-	-	710	-	-	714	8,265

CROP PRODUCTION AMOUNT BY AMPHOE

(1981)

(UNIT : TON)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	1100	606,048	20,239	49	2,826	135,509	-	28,406	422	-	187,451	793,499
135	1101	36,838	7	-	30	2,700	-	1,371	-	-	4,108	40,946
136	1102	10,646	-	-	94	19,750	-	1,446	62	-	21,352	31,998
137	1103	36,023	-	-	40	4,800	-	17	2	-	4,859	40,882
138	1104	19,170	-	-	19	840	-	85	-	-	944	20,114
139	1105	60,874	-	-	36	19,800	-	1,153	-	-	20,989	81,863
140	1106	16,074	-	-	12	7,000	-	688	-	-	7,700	23,774
141	1107	35,585	-	-	30	600	-	4,657	-	-	5,287	40,872
142	1108	28,590	-	-	20	300	-	1,228	-	-	1,548	30,138
143	1109	17,233	-	-	9	1,350	-	223	1	-	1,583	18,816
144	1110	13,119	-	1	13	8,540	-	1	-	-	8,555	21,674
145	1111	41,193	-	2	30	2,600	-	423	-	-	3,055	44,248
146	1112	14,546	-	-	15	-	-	30	-	-	45	14,591
147	1113	23,385	-	2	13	3,400	-	323	-	-	3,738	27,123
148	1114	10,779	-	-	83	2,700	-	841	-	-	3,624	14,403
149	1115	80,584	-	-	195	10,080	-	3,863	-	-	14,138	94,722
150	1116	50,822	-	15	30	449	-	3,003	-	-	3,497	54,319
151	1117	62,001	864	15	435	24,000	-	5,645	10	-	30,969	92,970
152	1118	6,246	19,320	10	1,617	15,800	-	1,714	347	-	38,808	45,054
153	1119	12,472	48	4	27	2,600	-	223	-	-	2,902	15,374
154	1120	29,868	-	-	78	8,200	-	1,472	-	-	9,750	39,618
	1200	333,848	56,243	1,816	3,227	703,769	55,175	33,038	896	-	854,164	1,188,010
155	1201	51,590	4,388	142	585	121,500	-	14,310	-	-	140,925	192,515
156	1202	12,006	20,258	1,322	15	750	15,750	216	9	-	38,320	50,326
157	1203	34,378	442	71	112	43,000	-	738	-	-	44,363	78,741
158	1204	50,115	-	-	-	15,311	33,525	3,420	-	-	52,256	102,371
159	1205	14,231	28	2	6	10,500	4,550	57	5	-	15,148	29,379
160	1206	44,896	1,463	44	45	5,208	-	954	10	-	7,724	52,620
161	1207	20,928	-	-	3	22,750	-	2,844	-	-	25,597	46,525
162	1208	33,420	7,452	71	45	24,250	-	2,196	774	-	34,788	68,208
163	1209	2,838	381	-	2,064	33,750	-	1,267	-	-	37,464	40,302
164	1210	19,314	-	-	15	48,500	1,350	2,248	-	-	52,113	71,427
165	1211	5,615	19,817	162	285	181,000	-	684	86	-	202,034	207,649
166	1212	16,375	1,739	2	5	103,750	-	180	-	-	105,676	122,051
167	1213	28,142	275	-	45	93,500	-	3,924	12	-	97,756	125,898

CROP PRODUCTION AMOUNT BY AMPHOE

(1981)

(UNIT : TON)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	1300	495,117	266,912	3,808	9,272	3,620,840	15,141	13,326	8,479	-	3,937,780	4,432,890
168	1301	24,487	65	26	141	240,618	-	32	-	-	240,882	265,369
169	1302	44,063	-	6	40	269,784	383	2,253	-	-	272,466	316,529
170	1303	7,039	6	-	-	25,085	-	1,460	-	-	26,551	33,590
171	1304	44,015	310	5	30	52,360	-	1,647	2	-	54,354	98,369
172	1305	17,271	3,135	68	170	8,734	-	1,687	4	-	13,798	31,069
173	1306	39,967	8	3	18	10,401	-	128	-	-	10,558	50,525
174	1307	49,609	75	10	16	229,142	-	36	-	-	229,279	278,888
175	1308	41,750	-	1	40	11,902	-	706	-	-	12,649	54,399
176	1309	32,390	288	12	72	346,290	1,533	3,680	-	-	351,875	384,265
177	1310	25,596	-	-	-	42,434	-	36	-	-	42,470	68,066
178	1311	26,016	78	2	12	104,954	-	10	-	-	105,056	131,072
179	1312	13,746	7,098	314	1,113	200,567	-	209	156	-	209,457	223,203
180	1313	27,765	1,675	129	155	110,967	1,000	957	108	-	114,991	142,756
181	1314	8,593	12	545	79	50,221	-	-	2	-	50,859	59,452
182	1315	12,482	4,680	232	1,432	152,810	320	64	450	-	159,988	172,470
183	1316	19,950	18,410	149	924	413,459	-	-	200	-	433,142	453,092
184	1317	1,112	180,566	2,198	1,389	128,877	8,051	-	7,099	-	328,180	329,292
185	1318	21,558	5,580	69	1,091	324,670	3,834	-	288	-	335,532	357,090
186	1319	17,297	7,486	23	65	303,125	-	421	8	-	311,128	328,425
187	1320	12,276	37,440	13	404	375,564	20	-	150	-	413,591	425,867
188	1321	8,135	-	3	2,081	218,874	-	-	12	-	220,970	229,105
	1400	539,202	7,125	197	5,793	625,250	179,852	13,226	-	6,696	838,139	1,377,340
189	1401	74,273	64	61	341	9,500	36,438	1,122	-	2,214	49,740	124,013
190	1402	56,022	64	-	192	19,250	-	425	-	9	19,940	75,962
191	1403	10,114	10	-	298	90,000	87,313	3,145	-	450	181,216	191,330
192	1404	44,657	5	-	245	49,750	48,813	2,091	-	2,628	103,532	148,189
193	1405	40,164	208	-	533	11,750	275	2,040	-	675	15,481	55,645
194	1406	82,763	368	48	234	21,750	5,500	1,870	-	135	29,905	112,668
195	1407	23,781	560	24	149	51,500	-	646	-	27	52,906	76,687
196	1408	66,910	2,886	1	22	85,500	1,375	748	-	-	90,532	157,442
197	1409	16,252	416	-	413	27,250	-	187	-	108	28,374	44,626
198	1410	18,711	2,016	27	1,832	91,000	138	289	-	135	95,437	114,148
199	1411	89,058	32	36	43	6,750	-	391	-	9	7,261	96,319
200	1412	16,497	496	-	1,491	161,250	-	272	-	306	163,815	180,312

CROP PRODUCTION AMOUNT BY AMPHOE

(1981)

(UNIT : TON)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME	UPLAND TOTAL	TOTAL
	1500	545,817	1,546	53	1,774	123,770	26,515	14,084	-	-	167,742	713,559
201	1501	96,089	368	23	345	7,410	1,500	1,173	-	-	10,819	106,908
202	1502	42,908	22	14	18	-	-	128	-	-	182	43,090
203	1503	42,975	21	-	12	20,800	-	5,538	-	-	26,371	69,346
204	1504	20,686	14	-	12	3,000	80	92	-	-	3,198	23,884
205	1505	38,782	115	-	80	18,200	120	398	-	-	18,913	57,695
206	1506	47,392	155	-	10	21,320	-	-	-	-	21,485	68,877
207	1507	17,982	18	-	50	-	250	474	-	-	792	18,774
208	1508	40,602	239	-	193	8,400	400	599	-	-	9,831	50,433
209	1509	11,556	-	4	45	6,720	-	428	-	-	7,197	18,753
210	1510	41,238	77	12	144	6,760	15	2,669	-	-	9,677	50,915
211	1511	92,880	66	-	420	1,080	-	1,536	-	-	3,102	95,982
212	1512	41,489	73	-	70	11,880	14,950	474	-	-	27,447	68,936
213	1513	11,238	378	-	375	18,200	9,200	575	-	-	28,728	39,966
	1600	380,485	43,830	310	10,077	91,600	-	21,856	-	-	167,673	548,158
214	1601	35,809	-	-	6	-	-	528	-	-	534	36,343
215	1602	34,713	-	-	18	-	-	608	-	-	626	35,339
216	1603	23,406	-	-	168	-	-	80	-	-	248	23,654
217	1604	32,719	1,103	-	84	1,000	-	4,800	-	-	6,987	39,706
218	1605	41,551	-	-	42	-	-	560	-	-	602	42,153
219	1606	15,515	-	-	21	-	-	192	-	-	213	15,728
220	1607	22,864	-	-	8	5,000	-	400	-	-	5,408	28,272
221	1608	61,840	98	10	231	5,000	-	9,504	-	-	14,843	76,683
222	1609	16,408	-	-	6	400	-	80	-	-	486	16,894
223	1610	26,471	5,953	-	3,045	17,600	-	1,008	-	-	27,606	54,077
224	1611	3,574	-	-	63	400	-	80	-	-	543	4,117
225	1612	22,620	-	-	127	-	-	928	-	-	1,055	23,675
226	1613	42,995	36,676	300	6,258	62,200	-	3,088	-	-	108,522	151,517

(3) GROWTH RATE OF AGRICULTURAL PRODUCTION BY AMPHOE

(% P.A.)						(% P.A.)					
SEQ.	AMPHOE	1981 - 1987		1987 - 1993		SEQ.	AMPHOE	1981 - 1987		1987 - 1993	
NO.	CODE	AMOUNT	VALUE	AMOUNT	VALUE	NO.	CODE	AMOUNT	VALUE	AMOUNT	VALUE
	0100	0.9	1.1	1.0	1.1		0300	1.7	0.8	1.8	1.0
1	0101	1.3	1.3	1.3	1.4	31	0301	1.3	0.4	1.8	0.5
2	0102	1.1	1.1	1.1	1.1	32	0302	1.7	1.3	1.7	1.4
3	0103	0.2	0.7	0.2	0.7	33	0303	2.0	1.7	2.0	1.8
4	0104	0.6	1.0	0.7	1.0	34	0304	1.4	0.5	1.8	0.6
5	0105	1.4	1.5	1.4	1.6	35	0305	1.9	0.7	2.4	1.0
6	0106	1.1	1.0	1.1	1.1	36	0306	0.1	0.1	0.1	0.1
7	0107	1.0	0.9	1.1	1.0	37	0307	1.8	1.1	1.8	1.2
8	0108	0.9	0.9	1.0	0.9	38	0308	1.2	0.5	1.3	0.5
9	0109	1.1	1.0	1.1	1.0	39	0309	1.7	1.0	1.8	1.1
10	0110	1.0	1.2	1.1	1.2	40	0310	1.7	0.8	1.7	0.9
	0200	0.9	0.5	0.9	0.5		0400	0.1	0.1	0.2	0.1
11	0201	0.6	0.2	0.6	0.2	41	0401	0.0	-	0.1	0.1
12	0202	0.9	0.8	1.0	0.8	42	0402	0.2	0.1	0.2	0.1
13	0203	0.1	0.2	0.2	0.2	43	0403	0.3	0.4	0.3	0.4
14	0204	0.8	0.3	0.8	0.4	44	0404	0.0	0.0	0.0	0.0
15	0205	1.0	0.7	1.0	0.8	45	0405	0.3	0.3	0.3	0.3
16	0206	0.1	-	0.1	-	46	0406	0.3	0.3	0.3	0.3
17	0207	0.2	0.2	0.2	0.2	47	0407	0.2	0.1	0.2	0.1
18	0208	0.9	0.5	0.9	0.6	48	0408	0.0	0.0	0.0	0.0
19	0209	0.4	0.2	0.4	0.2	49	0409	0.5	0.5	0.4	0.5
20	0210	0.8	0.5	0.8	0.6	50	0410	0.3	0.2	0.3	0.2
21	0211	0.4	0.1	0.4	0.1	51	0411	0.1	0.1	0.1	0.2
22	0212	0.9	0.9	0.9	0.9	52	0412	0.3	0.3	0.3	0.3
23	0213	0.5	0.3	0.5	0.3	53	0413	0.2	0.1	0.2	0.1
24	0214	0.9	0.7	0.9	0.7	54	0414	0.2	0.1	0.2	0.1
25	0215	1.0	0.9	1.0	0.9						
26	0216	1.0	0.8	1.0	0.8						
27	0217	0.6	0.1	0.7	0.1						
28	0218	0.9	0.6	0.9	0.6						
29	0219	1.0	0.9	1.0	0.9						
30	0220	0.9	0.6	0.9	0.6						

GROWTH RATE OF AGRICULTURAL PRODUCTION BY AMPHOE

SEQ.	AMPHOE	(% P.A.)			
		1981 - 1987		1987 - 1993	
		AMOUNT	VALUE	AMOUNT	VALUE
	0500	1.0	0.5	1.1	0.5
55	0501	0.3	-	0.4	0.0
56	0502	1.3	0.8	1.3	0.9
57	0503	1.2	0.6	1.2	0.7
58	0504	0.0	0.0	0.0	0.0
59	0505	1.0	0.3	1.1	0.4
60	0506	0.4	-	0.5	0.0
61	0507	0.3	0.3	0.3	0.3
62	0508	0.1	-	0.2	-
63	0509	1.7	1.7	1.7	1.7
64	0510	0.5	0.1	0.6	0.2
65	0511	0.9	0.3	0.9	0.3
66	0512	1.4	0.9	1.5	0.9
67	0513	0.5	0.4	0.5	0.4
68	0514	0.5	0.1	0.5	0.1
69	0515	1.1	0.5	1.2	0.5
	0600	1.2	0.9	1.2	1.0
70	0601	1.4	1.4	1.4	1.4
71	0602	0.9	0.3	0.9	0.4
72	0603	1.3	1.0	1.4	1.0
73	0604	0.5	0.8	0.5	0.8
74	0605	1.1	0.8	1.1	0.9
75	0606	0.9	0.4	0.9	0.4
76	0607	1.2	0.8	1.2	0.8
77	0608	1.1	0.7	1.1	0.7
78	0609	1.3	1.3	1.4	1.4
79	0610	1.2	0.8	1.2	0.8
80	0611	0.7	0.3	0.8	0.3
81	0612	1.3	1.1	1.3	1.2
82	0613	1.5	1.5	1.5	1.6
83	0614	1.4	1.2	1.4	1.2
84	0615	0.9	0.5	1.0	0.5
85	0616	1.2	1.0	1.2	1.0
86	0617	1.5	1.5	1.6	1.6
87	0618	0.6	0.2	0.6	0.3
88	0619	1.3	0.9	1.3	0.9

SEQ.	AMPHOE	(% P.A.)			
		1981 - 1987		1987 - 1993	
		AMOUNT	VALUE	AMOUNT	VALUE
	0700	1.5	0.7	1.7	0.9
89	0701	1.8	1.0	1.9	1.0
90	0702	2.0	1.6	2.1	1.7
91	0703	2.6	2.7	2.6	2.7
92	0704	1.3	0.4	1.4	0.5
93	0705	0.5	-	0.8	-
94	0706	0.5	0.1	0.6	0.1
95	0707	2.0	1.1	2.1	1.3
96	0708	0.8	0.7	0.8	0.7
97	0709	1.8	0.9	1.9	1.1
98	0710	0.3	0.2	0.4	0.3
	0800	0.1	0.2	0.1	0.2
99	0801	0.2	0.3	0.2	0.4
100	0802	0.1	0.2	0.1	0.2
101	0803	0.1	0.1	0.1	0.1
102	0804	0.1	0.2	0.1	0.2
103	0805	0.1	0.1	0.1	0.1
104	0806	0.3	0.4	0.3	0.4
105	0807	0.1	0.0	0.1	0.0
106	0808	0.4	0.5	0.4	0.5
107	0809	0.1	-	0.1	-
108	0810	0.4	0.7	0.4	0.7
109	0811	0.1	0.0	0.1	0.0
110	0812	0.4	0.5	0.4	0.6
111	0813	0.1	0.0	0.1	0.0

GROWTH RATE OF AGRICULTURAL PRODUCTION BY AMPHOE

						(% P.A.)					
SEQ.	AMPHOE	1981 - 1987		1987 - 1993		SEQ.	AMPHOE	1981 - 1987		1987 - 1993	
NO.	CODE	AMOUNT	VALUE	AMOUNT	VALUE	NO.	CODE	AMOUNT	VALUE	AMOUNT	VALUE
	0900	0.3	0.3	0.3	0.3		1100	0.1	0.1	0.1	0.1
112	0901	0.5	0.5	0.5	0.5	135	1101	0.5	0.5	0.6	0.6
113	0902	0.1	0.1	0.1	0.1	136	1102	0.2	0.1	0.2	0.1
114	0903	0.2	0.1	0.2	0.1	137	1103	0.2	0.2	0.2	0.2
115	0904	0.1	0.1	0.1	0.1	138	1104	0.1	0.1	0.1	0.1
116	0905	0.1	0.1	0.1	0.1	139	1105	-	-	-	-
117	0906	0.5	0.6	0.5	0.5	140	1106	0.3	0.4	0.3	0.4
118	0907	0.2	0.2	0.2	0.2	141	1107	-	-	-	-
119	0908	0.0	0.0	0.0	0.0	142	1108	0.2	0.2	0.2	0.2
120	0909	0.5	0.5	0.5	0.5	143	1109	0.3	0.3	0.3	0.3
121	0910	0.2	0.2	0.2	0.2	144	1110	0.1	0.0	0.1	0.0
122	0911	0.6	0.6	0.6	0.6	145	1111	-	-	-	-
123	0912	-	-	-	-	146	1112	-	-	-	-
124	0913	0.5	0.6	0.5	0.6	147	1113	0.0	0.0	0.0	0.0
125	0914	0.8	0.8	0.7	0.7	148	1114	0.0	-	0.0	-
126	0915	0.0	-	-	-	149	1115	0.0	-	0.0	-
	1000	0.1	0.1	0.1	0.1	150	1116	0.2	0.2	0.3	0.3
127	1001	0.0	-	0.0	-	151	1117	0.0	-	0.0	-
128	1002	0.2	0.3	0.3	0.3	152	1118	0.2	0.1	0.2	0.1
129	1003	0.0	0.0	0.0	0.0	153	1119	0.0	0.0	0.0	0.0
130	1004	-	-	-	-	154	1120	0.0	-	0.0	-
131	1005	0.0	0.0	0.0	0.0		1200	0.1	0.1	0.1	0.1
132	1006	0.2	0.2	0.3	0.3	155	1201	0.1	0.2	0.1	0.2
133	1007	0.7	0.7	0.8	0.8	156	1202	0.4	0.5	0.4	0.5
134	1008	0.6	0.5	0.5	0.5	157	1203	-	0.0	0.0	0.0
						158	1204	0.2	0.3	0.2	0.3
						159	1205	0.2	0.4	0.2	0.4
						160	1206	0.0	0.0	0.0	0.0
						161	1207	0.0	0.0	0.0	0.1
						162	1208	0.1	0.2	0.1	0.3
						163	1209	0.0	0.2	0.0	0.2
						164	1210	-	-	-	-
						165	1211	0.1	0.3	0.1	0.3
						166	1212	-	-	-	-
						167	1213	-	-	-	-

GROWTH RATE OF AGRICULTURAL PRODUCTION BY AMPHOE

SEQ.	AMPHOE	(% P.A.)			
		1981 - 1987		1987 - 1993	
		AMOUNT	VALUE	AMOUNT	VALUE
	1300	0.1	0.2	0.1	0.2
168	1301	0.1	0.2	0.1	0.2
169	1302	-	-	-	-
170	1303	0.1	-	0.1	-
171	1304	-	-	-	-
172	1305	0.1	0.1	0.1	0.1
173	1306	-	-	0.0	0.0
174	1307	0.1	0.2	0.1	0.2
175	1308	0.2	0.3	0.2	0.3
176	1309	0.1	-	0.1	-
177	1310	0.1	0.2	0.1	0.2
178	1311	0.1	0.2	0.1	0.2
179	1312	0.1	0.1	0.1	0.1
180	1313	0.0	-	0.0	-
181	1314	0.1	0.1	0.1	0.1
182	1315	0.3	0.7	0.3	0.8
183	1316	0.1	0.2	0.1	0.2
184	1317	0.1	0.4	0.1	0.4
185	1318	0.1	0.1	0.1	0.1
186	1319	0.2	0.3	0.2	0.3
187	1320	0.2	0.3	0.2	0.3
188	1321	0.1	0.1	0.1	0.1
	1400	0.2	0.1	0.3	0.1
189	1401	0.3	0.1	0.3	0.1
190	1402	0.2	0.1	0.2	0.2
191	1403	0.5	0.3	0.6	0.3
192	1404	0.3	0.1	0.4	0.1
193	1405	0.1	0.1	0.1	0.1
194	1406	0.1	0.0	0.1	0.0
195	1407	0.1	0.1	0.1	0.1
196	1408	0.2	0.2	0.2	0.2
197	1409	0.1	0.1	0.1	0.1
198	1410	0.2	0.1	0.2	0.1
199	1411	0.0	0.0	0.0	0.0
200	1412	0.2	0.3	0.2	0.3

SEQ.	AMPHOE	(% P.A.)			
		1981 - 1987		1987 - 1993	
		AMOUNT	VALUE	AMOUNT	VALUE
	1500	0.3	0.3	0.3	0.3
201	1501	0.7	0.8	0.7	0.8
202	1502	-	-	-	-
203	1503	0.3	0.4	0.3	0.4
204	1504	0.9	1.0	0.9	1.0
205	1505	0.4	0.4	0.4	0.5
206	1506	-	-	-	-
207	1507	0.9	0.9	0.9	0.9
208	1508	0.4	0.5	0.4	0.5
209	1509	0.7	0.9	0.7	0.9
210	1510	0.0	0.0	0.0	0.0
211	1511	-	-	-	-
212	1512	0.0	0.0	0.0	0.0
213	1513	0.1	0.1	0.1	0.1
	1600	0.3	0.2	0.3	0.2
214	1601	0.4	0.4	0.4	0.4
215	1602	0.2	0.2	0.2	0.2
216	1603	-	-	0.0	0.0
217	1604	0.3	0.3	0.3	0.3
218	1605	0.6	0.6	0.6	0.6
219	1606	-	-	-	-
220	1607	0.3	0.3	0.3	0.3
221	1608	0.0	0.0	0.0	0.0
222	1609	0.5	0.5	0.5	0.5
223	1610	0.1	0.1	0.1	0.1
224	1611	0.2	0.2	0.2	0.2
225	1612	-	-	-	-
226	1613	0.4	0.3	0.4	0.3

(4) GROWTH RATE OF PLANTED AREA BY AMPHOE

(1981 - 2001)

(UNIT : % P.A.)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME
	0100									
1	0101	0.2	1.5	2.0	-	1.3	-	-1.0	1.5	1.0
2	0102	-	1.5	2.0	-	1.3	-	-1.0	1.5	1.0
3	0103	-	0.1	0.1	-	0.1	-	-1.0	1.5	1.0
4	0104	-	0.5	2.0	-	0.5	-	-1.0	1.5	1.0
5	0105	-	1.5	2.0	-	1.3	-	-1.0	1.5	1.0
6	0106	-	1.5	2.0	-	1.3	-	-1.0	1.5	1.0
7	0107	-	1.5	2.0	-	1.3	-	-1.0	1.5	1.0
8	0108	-	1.5	2.0	-	1.3	-	-1.0	1.5	1.0
9	0109	-	1.5	2.0	-	1.3	-	-1.0	1.5	1.0
10	0110	-	1.5	2.0	-	1.3	-	-1.0	1.5	1.0
	0200									
11	0201	0.3	1.0	-	-	1.0	1.0	-	-	-
12	0202	-	1.0	-	-	1.0	1.0	-	-	-
13	0203	-	1.0	-	-	0.1	0.1	-	-	-
14	0204	-	1.0	-	-	1.0	1.0	-	-	-
15	0205	0.5	1.0	-	-	1.0	1.0	-	-	-
16	0206	0.1	1.0	-	-	1.0	1.0	-	-	-
17	0207	0.2	1.0	-	-	1.0	1.0	-	-	-
18	0208	-	1.0	-	-	1.0	1.0	-	-	-
19	0209	0.2	1.0	-	-	1.0	1.0	-	-	-
20	0210	-	1.0	-	-	1.0	1.0	-	-	-
21	0211	-	1.0	-	-	1.0	1.0	-	-	-
22	0212	0.9	1.0	-	-	1.0	1.0	-	-	-
23	0213	0.2	1.0	-	-	1.0	1.0	-	-	-
24	0214	0.5	1.0	-	-	1.0	1.0	-	-	-
25	0215	0.6	1.0	-	-	1.0	1.0	-	-	-
26	0216	0.2	1.0	-	-	1.0	1.0	-	-	-
27	0217	-	1.0	-	-	1.0	1.0	-	-	-
28	0218	0.1	1.0	-	-	1.0	1.0	-	-	-
29	0219	-	1.0	-	-	1.0	1.0	-	-	-
30	0220	-	1.0	-	-	1.0	1.0	-	-	-

GROWTH RATE OF PLANTED AREA BY AMPHOE

(1981 - 2001)

(UNIT : % P.A.)

SEQ. NO.	AMPHOE CODE	PADDY	MAIZE	BEANS	GRUND NUTS	CASSAVA	SUGAR CANE	KENAF	COTTON	SESAME
0300										
31	0301	0.1	-	1.0	-	2.1	10.0	-	1.8	-
32	0302	-	-	1.0	-	2.1	10.0	-	1.8	-
33	0303	-	-	1.0	-	2.1	10.0	-	1.8	-
34	0304	0.1	-	1.0	-	2.1	10.0	-	1.8	-
35	0305	-	-	1.0	-	2.1	10.0	-	1.8	-
36	0306	0.1	-	0.1	-	0.1	10.0	-	1.8	-
37	0307	-	-	1.0	-	2.1	10.0	-	1.8	-
38	0308	-	-	1.0	-	2.1	10.0	-	1.8	-
39	0309	-	-	1.0	-	2.1	10.0	-	1.8	-
40	0310	-	-	1.0	-	2.1	10.0	-	1.8	-
0400										
41	0401	0.1	-	-	1.0	0.3	-	-	7.4	-
42	0402	0.1	-	-	1.0	0.3	-	-	7.4	-
43	0403	0.4	-	-	1.0	0.3	-	-	7.4	-
44	0404	-	-	-	1.0	0.3	-	-	7.4	-
45	0405	0.3	-	-	1.0	0.3	-	-	7.4	-
46	0406	0.3	-	-	1.0	0.3	-	-	7.4	-
47	0407	-	-	-	1.0	0.3	-	-	7.4	-
48	0408	-	-	-	1.0	-	-	-	7.4	-
49	0409	0.3	-	-	1.0	0.3	-	-	7.4	-
50	0410	-	-	-	1.0	0.3	-	-	7.4	-
51	0411	-	-	-	1.0	0.3	-	-	7.4	-
52	0412	0.5	-	-	1.0	0.3	-	-	7.4	-
53	0413	-	-	-	1.0	0.3	-	-	7.4	-
54	0414	0.1	-	-	1.0	0.3	-	-	7.4	-