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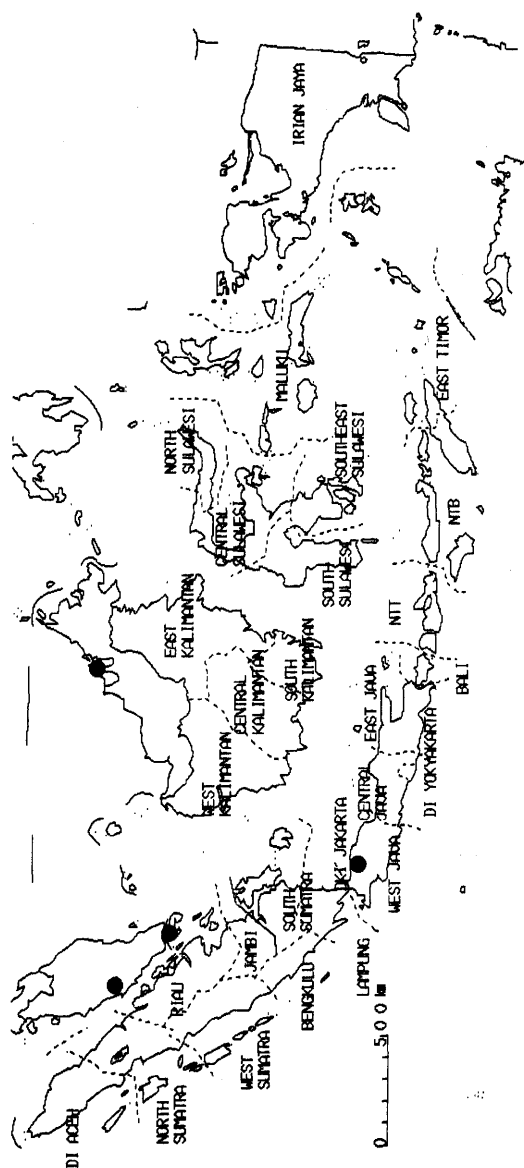
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SOURCE OF DATA:

- 1 *Indikator Industri 1988 (Biro Pusat Statistik, 1991)*
- 2 *Indikator Kesejahteraan Rakyat, 1990 (Biro Pusat Statistik, 1991)*
- 3 *Indonesia; Strategy for a sustained reduction in Poverty (World Bank, 1990)*
- 4 *Indonesia; Sustainable Development of Forest, Land and Water (World Bank, 1990)*
- 5 *Keadaan Angkatan Kerja di Indonesia (Biro Pusat Statistik, 1990)*
- 6 *Key Indicators of Developing Asian and Pacific Countries (Asian Development Bank, 1991)*
- 7 *Lampiran Pidato Kenegaraan President, 1991 (Dept. Penerangan, 1991)*
- 8 *Laporan Tahunan (Dept.Imigrasi)*
- 9 *Laporan Tahunan 1990/1991 (Bank Indonesia, 1991)*
- 10 *Laporan Bulanan Penanaman Modal (Badan Koordinasi Penanaman Modal, 1991)*
- 11 *Nota Keuangan dan R A P B N Tahun Anggaran 1992/93 (Dept. Keuangan, 1992)*
- 12 *Pendapatan Regional Propinsi di Indonesia, 1983-1989 (Biro Pusat Statistik, 1981)*
- 13 *Perhubungan dalam Angka 1991 (Dept. Perhubungan)*
- 14 *Perubahan Demografi di Indonesia (Lembaga Demografi, FEUI, 1992)*
- 15 *Statistical Year Book of Indonesia 1990 (Biro Pusat Statistik, 1991)*
- 16 *Statistik Ekonomi-Keuangan Indonesia (Bank Indonesia, 1992)*
- 17 *Statistik Industri 1989 (Biro Pusat Statistik, 1991)*
- 18 *Statistik Lingkungan Hidup Indonesia, 1990 (Biro Pusat Statistik, 1991)*
- 19 *Statistik Perkebunan Indonesia Tahun 1984-1989 (Dept. Pertanian)*
- 20 *Survei Biaya Hidup 1989 (Biro Pusat Statistik, 1991)*
- 21 *World Development Report 1991 (World Bank, 1991)*



OUTLINE OF 27 PROVINCES IN INDONESIA

Province	Capital City	Area (Km ²)	Population (1000)	Province	Capital City	Area (Km ²)	Population (1000)
1. D. I. Aceh	Banda Aceh	55,382	3,416	14. West Kalimantan	Pontianak	146,760	3,239
2. North Sumatra	Medan	70,787	10,256	15. Central Kalimantan	Palangkaraya	152,600	1,396
3. West Sumatra	Padang	49,778	3,989	16. South Kalimantan	Banjarmasin	37,668	2,598
4. Riau	Pekanbaru	94,561	3,306	17. East Kalimantan	Samarinda	202,440	1,877
5. Jambi	Jambi	44,800	2,816	18. North Sulawesi	Manado	19,823	2,479
6. South Sumatra	Palembang	183,688	6,277	19. Central Sulawesi	Palu	69,726	1,711
7. Bengkulu	Bengkulu	21,168	1,179	20. South Sulawesi	Ujungpandang	72,781	6,982
8. Lampung	Bandar Lampung	33,307	6,006	21. Southeast Sulawesi	Kendari	27,686	1,358
9. D.K.I. Jakarta	Jakarta	598	8,254	22. Bali	Denpasar	5,561	2,778
10. West Java	Bandung	46,300	35,381	23. West Nusa Tenggara	Mataram	20,177	3,370
1. Central Java	Semarang	34,206	28,522	24. East Nusa Tenggara	Kupang	47,876	3,269
2. D. I. Yogyakarta	Yogyakarta	3,169	2,913	25. Maluku	Ambon	74,505	1,856
3. East Java	Surabaya	47,921	32,584	27. East Timor	Dili	14,874	748

LOCAL ADMINISTRATION

LOCAL ADMINISTRATION UNITS OF INDONESIA BY PROVINCE (1989)

TABLE A-01

Province	Area (km ²)	(%) of Total Area of Indonesia	Regencies	Municipalities	Districts	Villages
1 Aceh	55,392	2.9	8	2	139	5,463
2 North Sumatra	70,787	3.7	11	6	209	5,665
3 West Sumatra	49,778	2.6	8	6	102	3,544
4 Riau	94,561	4.9	5	2	78	1,142
5 Jambi	44,800	2.3	5	1	39	1,369
6 South Sumatra	103,688	5.4	8	2	98	2,515
7 Bengkulu	21,168	1.1	3	1	26	1,083
8 Lampung	33,307	1.7	3	1	77	1,619
SUMATRA	473,481	24.7	51	21	768	22,400
9 Jakarta	590	0.0	0	5	30	265
10 West Java	46,300	2.4	20	4	469	7,063
11 Central Java	34,206	1.8	29	6	504	8,467
12 Yogyakarta	3,169	0.2	4	1	73	438
13 East Java	47,921	2.5	29	8	579	8,378
JAVA	132,186	6.9	82	24	1,655	24,611
14 Bali	5,561	0.3	8	0	51	614
15 West Nusa Tenggara	20,177	1.1	6	0	59	564
16 East Nusa Tenggara	47,876	2.5	12	0	98	1,723
17 East Timor	14,874	0.8	13	0	61	442
NUSATENGGA	88,488	4.6	39	0	269	3,343
18 West Kalimantan	146,760	7.6	6	1	108	4,691
19 Central Kalimantan	152,600	8.0	5	1	82	1,153
20 South Kalimantan	37,660	2.0	9	1	109	1,114
21 East Kalimantan	202,440	10.5	4	2	73	2,415
KALIMANTAN	539,460	28.1	24	5	372	9,373
22 North Sulawesi	19,023	1.0	4	2	85	1,405
23 Central Sulawesi	69,726	3.6	4	0	62	1,302
24 South Sulawesi	72,781	3.8	21	2	177	1,375
25 Southeast Sulawesi	27,686	1.4	4	0	64	757
SULAWESI	189,216	9.9	33	4	388	4,839
26 Maluku	74,505	3.9	3	1	56	1,511
27 Irian Jaya	421,981	22.0	9	0	117	956
OTHERS	496,486	25.9	12	1	173	2,467
TOTAL	1,919,317	100.0	241	55	3,625	67,033

Source: Directorate General Public Government & Regional Autonomy, Ministry of Internal Affairs

LAND UTILIZATION LAND UTILIZATION BY PROVINCE (1989)

TABLE A-02

PROVINCE	House Compound and Surroundings	Wasteland/ Garden and Shift Cultivation	Meadows	Dyke	Water Pond	Temporarily Fallow Land	Wooded Land	Estates	Wetland (Sawah)	Others	TOTAL LAND AREA	(1)-(9) /(11)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
1 Aceh	3,330	5,017	1,241	310	37	2,903	2,082	4,522	3,231	32,739	55,392	40.90%
2 North Sumatra	2,611	7,321	1,727	58	66	4,180	5,270	12,690	5,418	31,448	70,787	55.57%
3 West Sumatra	1,056	4,076	423	2	66	1,300	5,105	3,536	2,226	31,990	49,778	35.73%
4 Riau	3,736	6,094	134	27	22	4,356	6,204	8,385	2,120	63,482	94,561	32.87%
5 Jambi	1,386	4,329	355	12	98	2,519	6,828	6,435	2,128	20,709	44,800	53.77%
6 South Sumatra	2,796	6,639	1,294	18	193	13,384	11,946	9,468	4,579	53,372	103,688	48.53%
7 Bengkulu	390	1,211	119	7	39	1,764	2,285	1,835	715	12,803	21,168	39.52%
8 Lampung	2,153	6,775	161	31	80	3,512	1,729	4,730	2,157	11,979	33,307	64.03%
SUMATRA	17,457	41,462	5,453	466	602	33,917	41,429	51,599	22,574	258,522	473,481	45.40%
9 Jakarta	320	60	0	1	3	10	0	0	67	131	590	77.80%
10 West Java	3,968	10,363	482	282	305	672	2,154	4,282	11,945	11,848	46,300	74.41%
11 Central Java	5,623	7,989	40	303	23	42	463	813	10,105	8,805	34,206	74.26%
12 Yogyakarta	836	1,250	0	0	2	17	54	0	626	385	3,169	87.86%
13 East Java	5,738	12,017	26	507	11	118	449	1,651	11,713	15,691	47,921	67.26%
JAVA	16,484	31,679	547	1,093	344	858	3,120	6,745	34,456	36,859	132,186	72.12%
14 Bali	321	1,529	0	9	2	43	119	1,028	941	1,569	5,561	71.78%
15 West Nusa Tenggara	249	2,017	989	52	6	439	3,185	204	1,972	11,064	20,177	45.17%
16 East Nusa Tenggara	1,296	5,851	7,684	31	6	7,042	5,295	2,298	1,186	17,188	47,876	64.10%
17 East Timor	0	0	0	0	0	0	0	0	0	14,874	14,874	0.00%
NUSATENGGA	1,866	9,398	8,672	91	14	7,523	8,599	3,530	4,099	44,695	88,488	49.43%
18 West Kalimantan	3,209	10,454	508	2	128	9,582	20,279	9,258	4,315	89,025	146,760	39.34%
19 Central Kalimantan	1,337	2,836	388	0	61	5,231	2,028	4,763	2,222	133,734	152,600	12.36%
20 South Kalimantan	1,098	2,586	1,810	69	38	2,668	2,204	2,310	4,670	20,207	37,660	46.34%
21 East Kalimantan	1,668	6,747	694	96	46	11,172	6,893	2,662	1,615	170,848	202,440	15.61%
KALIMANTAN	7,312	22,623	3,400	167	273	28,653	31,403	18,992	12,823	413,814	539,460	23.29%
22 North Sulawesi	962	3,431	418	10	23	1,246	656	2,624	667	8,986	19,023	52.76%
23 Central Sulawesi	769	4,006	989	14	20	3,492	4,592	3,636	1,184	51,025	69,726	26.82%
24 South Sulawesi	1,661	7,867	3,144	788	113	3,045	6,303	3,562	5,893	40,406	72,781	44.48%
25 Southeast Sulawesi	1,095	2,921	1,372	65	27	4,550	2,528	3,571	570	10,987	27,686	60.32%
SULAWESI	4,487	18,225	5,924	877	183	12,333	14,079	13,393	8,313	111,404	189,216	41.12%
26 Maluku	2,138	5,732	1,775	28	1	2,217	9,831	6,525	33	46,227	74,505	37.96%
27 Irian Jaya	743	3,816	3,053	21	14	11,884	94,756	2,037	89	305,569	421,981	27.59%
OTHERS	2,862	9,547	4,827	49	14	14,101	104,587	8,562	122	351,795	496,486	29.14%
TOTAL	50,489	132,934	28,823	2,742	1,430	97,386	203,217	102,822	82,386	1,217,089	1,919,317	36.59%

Source: Statistical Yearbook of Indonesia 1990 (BPS)

PATTERN OF LAND UTILIZATION

CHART A-02-1

RATE OF LANDUSE BY FIELD

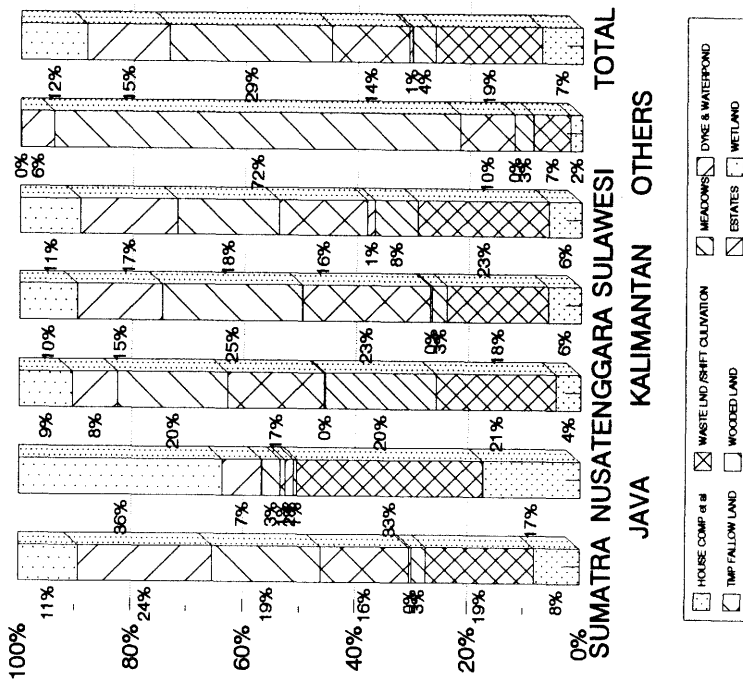
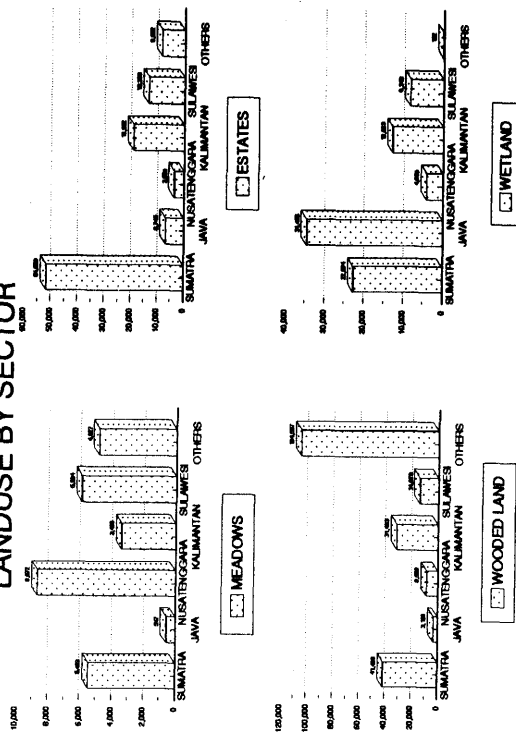


CHART A-02-2
LANDUSE BY SECTOR



This Section indicates the general feature of land utilization which has been directly related to the pattern of regional development.

- In Indonesia, about 60 percents of total land still have not been utilized completely and reserved as an potential resources for development, but the situation varies from region to the region (Kalimantan 75%, Sumatra 55%, Java 25%).
- Sumatra is prevailing the estates and wooded land as a typical way of landuse (24% and 19%).
- In Java, the biggest portion is occupied by wetland Sawah(36%)
- In Kalimantan and Irian Jaya, the woodland is dominant(25%), but it includes the virgin undeveloped area their potential use would be tremendous.

Calculated from Statistical Yearbook of Indonesia 1960 (BPS)

FOREST UTILIZATION

SUSTAINABLE DEVELOPMENT
Land Within Forestry Department Boundaries *)

TABLE A-3

Province	Park & reserve forest (1)	Protection forest (2)	Limited production forest (3)	Non-convertible production forest (4)	Convertible production forest (5)	Total area with Forest Department boundaries (6) (1+2+3+4+5)
D.I. Aceh	666,800	1,051,400	1,375,700	186,300	192,700	3,474,900
North Sumatra	253,900	1,391,100	1,349,900	531,500	253,700	3,780,100
West Sumatra	599,700	1,206,600	539,700	596,800	437,700	3,380,500
Riau	267,200	741,800	2,764,200	2,772,900	1,754,100	8,300,200
South Sumatra	796,500	774,700	333,000	2,124,000	1,186,500	5,214,700
Jambi	493,000	1,147,500	974,000	-	1,013,200	3,627,700
Bengkulu	249,900	465,500	242,000	34,100	193,600	1,185,100
Lampung	356,000	315,000	-	573,000	-	1,244,000
SUMATRA	3,683,000	7,093,600	7,578,500	6,820,600	5,031,500	30,207,200
DKI Jakarta (b)	15	-	-	1,100	-	1,115
West Java	196,400	229,500	-	547,900	-	973,800
Central Java (b)	3,000	65,000	-	605,100	-	673,100
DI Yogyakarta (b)	200	3,200	-	13,200	-	16,600
East Java (b)	245,300	255,800	-	847,100	-	1,348,200
JAVA	444,915	553,500	0	2,014,400	0	3,012,815
Bali	32,000	84,100	5,700	3,900	-	125,700
West Nusa Tenggara	134,800	481,700	222,800	224,100	195,900	1,259,300
East Nusa Tenggara	131,900	677,600	399,000	278,100	2,801,600	4,288,200
East Timor	38,800	435,300	170,500	45,200	10,000	699,800
NUSA TENGGARA	337,500	1,678,700	798,000	551,300	3,007,500	6,373,000
West Kalimantan	1,336,700	2,047,100	2,988,700	1,323,000	1,508,700	9,204,200
Central Kalimantan	729,400	800,000	3,400,000	6,068,000	3,000,000	13,997,400
South Kalimantan	66,000	432,700	200,600	1,330,400	284,700	2,314,400
East Kalimantan	1,968,600	3,643,900	4,826,100	5,513,100	3,500,000	19,451,700
KALIMANTAN	4,100,700	6,923,700	11,415,400	14,234,500	8,293,400	44,967,700
North Sulawesi	326,600	285,400	741,200	230,500	699,400	2,283,100
Central Sulawesi	616,700	1,156,900	1,364,100	1,028,000	335,000	4,500,700
South East Sulawesi	273,400	420,800	827,100	668,900	699,400	2,889,600
South Sulawesi	189,600	2,004,100	993,100	165,000	259,400	3,611,200
SULAWESI	1,406,300	3,867,200	3,925,500	2,092,400	1,993,200	13,284,600
Maluku	441,000	1,550,400	2,075,600	1,029,900	436,400	5,533,300
Irian Jaya	8,311,800	8,648,500	4,732,300	7,123,500	11,775,400	40,591,500
OTHERS	875,280	10,198,900	680,790	815,340	12,211,800	46,124,800
TOTAL	18,725,215	30,315,600	30,525,300	33,866,600	30,537,400	143,970,115

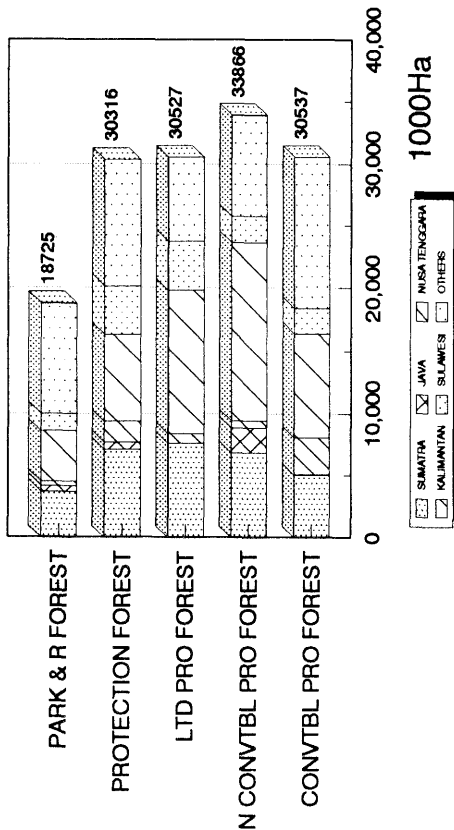
Note: *) Based on Forest Land Use by Consensus Up to May 1984.

Land utilization design in Java Island based upon the existing forest land use pattern.

Source: Indonesia, sustainable development of forests, land, and water, (World Bank country study) 1990, p.155

CHART A-3-1

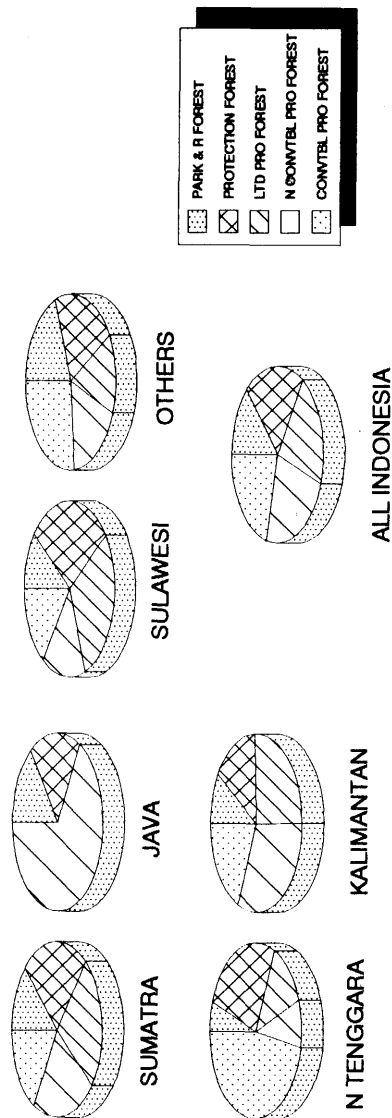
PLANNED UTILIZATION OF FOREST
Land within Department of Forest Boundaries



FOREST UTILIZATION

- ## This Section shows the capacity of forest utilization of within Forest Department Boundaries which got consensus in 1984 among the relative authorities cited from World Bank Country Study 1990.
- Indonesia has about 144 million ha of land within Forestry Department boundaries (about 75% of surface area) which means 2.5 times as much land under forests as Western Europe.
 - Forest land is divided into Five Categories.
 - Forest Set Aside for Conservation and National Park (15%)
 - Forest intended primarily for intensified Protection(21%)
 - Limited Production Forest(21%)
 - Regular Production Forest(24%)
 - Conversion Forest(21%)

CHART A-3-2



Based on Forest Land Use by consensus up to 1984

POPULATION
POPULATION PROSPECTS : POPULATION, RATE OF GROWTH AND DENSITY

TABLE A-4

	POPULATI(1000)					GROWTH RATE (%)					DENSITY (Pm/km2)				
	1971	1990	2000	2005	1971-80	1980-90	1990-95	1995-00	2000-05	1971	1990	2000	2005		
1 Aceh	2,008	3,416	4,213	4,597	2,92	2,69	2,20	1,99	1,75	36	62	76	83		
2 North Sumatra	6,621	10,256	11,971	12,647	2,59	2,04	1,68	1,39	1,10	93	145	169	179		
3 West Sumatra	2,792	3,999	4,739	5,057	2,21	1,60	1,72	1,55	1,30	56	80	95	102		
4 Riau	1,641	3,306	5,136	6,143	3,10	4,22	4,68	4,11	3,58	17	35	54	65		
5 Jambi	1,006	2,016	2,518	2,751	4,04	3,32	2,35	2,06	1,77	22	45	56	61		
6 South Sumatra	3,438	6,277	8,562	9,759	3,31	3,04	3,11	2,88	2,62	33	61	83	94		
7 Bengkulu	519	1,179	1,662	1,925	4,35	4,29	3,59	3,27	2,94	25	56	79	91		
8 Lampung	2,776	6,006	11,403	13,816	5,67	2,61	4,36	4,15	3,84	83	180	342	415		
SUMATRA	20,801	36,455	50,203	56,695	3,31	2,63	2,89	2,68	2,43	43	77	106	120		
9 Jakarta	4,546	8,254	10,544	11,256	3,98	2,38	1,91	1,58	1,31	7,706	12,487	15,951	17,029		
10 West Java	21,621	35,381	43,433	47,325	2,65	2,54	2,17	1,93	1,72	468	765	940	1,024		
11 Central Java	21,865	28,522	30,043	30,338	1,65	1,17	0,66	0,38	0,20	639	834	878	887		
12 Yogyakarta	2,489	2,913	3,425	3,537	1,11	0,57	1,02	0,85	0,65	785	919	1,081	1,116		
13 East Java	25,508	32,504	35,651	36,765	1,50	1,08	1,03	0,82	0,62	532	678	744	767		
JAVA	76,030	107,574	123,095	129,221	2,03	1,64	1,39	1,16	0,97	575	814	931	978		
14 Bali	2,120	2,778	3,187	3,375	1,70	1,17	1,41	1,29	1,15	381	500	573	607		
15 West Nusa Tenggara	2,203	3,370	4,211	4,681	2,36	2,12	2,21	2,26	2,11	109	167	209	232		
16 East Nusa Tenggara	2,295	3,269	3,306	3,318	1,96	1,77	0,12	0,11	0,08	48	68	69	69		
17 East Timor	0	748	0	0	0,00	2,97	0,00	0,00	0,00	0	50	0	0		
NUSATENGGARA	6,619	10,164	10,704	11,375	-	1,80	-	-	-	-	115	-	-		
18 West Kalimantan	2,020	3,239	3,947	4,286	2,31	2,65	2,09	1,88	1,65	14	22	27	29		
19 Central Kalimantan	702	1,396	2,101	2,534	3,41	3,81	4,15	3,96	3,75	5	9	14	17		
20 South Kalimantan	1,699	2,598	3,208	3,485	2,17	2,30	2,26	1,95	1,66	45	69	85	93		
21 East Kalimantan	732	1,877	2,741	3,235	5,66	4,32	3,93	3,57	3,31	4	9	14	16		
KALIMANTAN	5,153	9,110	11,997	13,541	2,96	3,04	2,85	2,63	2,42	10	17	22	25		
22 North Sulawesi	1,718	2,479	2,783	2,917	2,31	1,59	1,12	1,09	0,94	90	130	146	153		
23 Central Sulawesi	914	1,711	2,139	2,341	3,83	2,83	2,42	2,14	1,81	13	25	31	34		
24 South Sulawesi	5,180	6,982	7,965	8,354	1,75	1,41	1,46	1,17	0,95	71	96	109	115		
25 Southeast Sulawesi	714	1,350	1,760	1,980	3,08	3,59	2,76	2,55	2,36	26	49	64	72		
SULAWESI	8,525	12,521	14,646	15,592	2,22	1,85	1,67	1,46	1,25	45	66	77	82		
26 Maluku	1,090	1,856	2,254	2,443	2,87	2,74	2,10	1,84	1,61	15	25	30	33		
27 Irian Jaya	923	1,641	2,082	2,306	2,67	3,35	2,62	2,29	2,04	2	4	5	5		
OTHERS	2,013	3,498	4,337	4,748	2,78	3,02	2,35	2,06	1,81	17	29	35	38		
TOTAL	119,141	179,322	214,983	231,172	2,37	1,95	1,82	1,63	1,45	62	93	112	120		

Source: "Perubahan demografi di Indonesia" (Lembaga Demografi, FEU) 1992

Note: 1970-1990 is actual figures of BPS, 1990-2005 is estimated by LD-FEUI

CHART A-4-1:

GROWTH RATE (70s vs 80s)

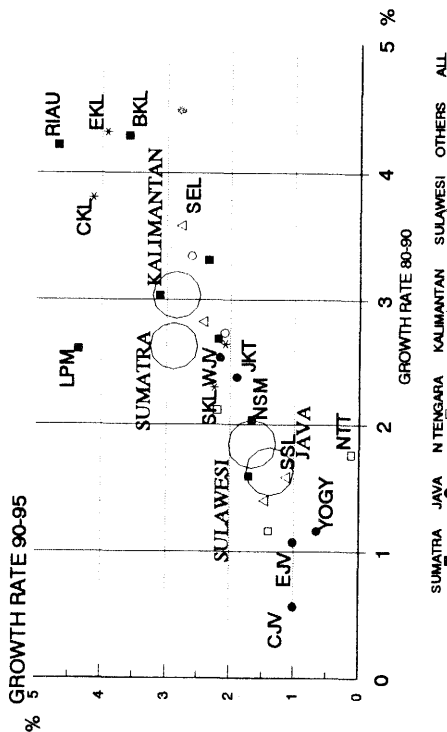


CHART A-4-2:

TREND OF POPULATION

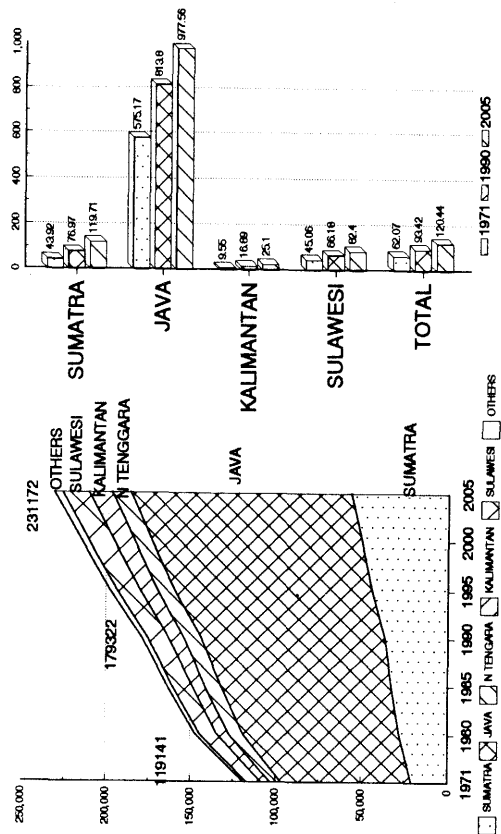
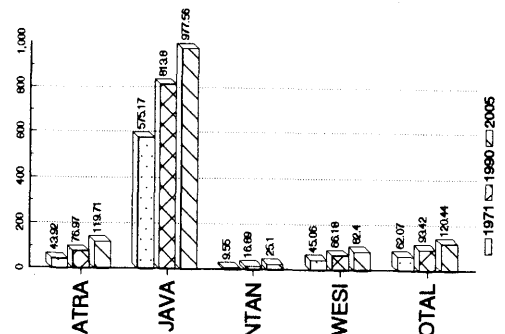


CHART A-4-3:

POPULATION DENSITY



PROSPECTS OF POPULATION

This Section covers the diverse condition of Population by province, the rate of growth and it density

-- Population of Indonesia will become over 231 million in 2005.

-- Increasing rate of Java Island will decline from 1.6% to 0.97%, but, its density will be further advanced and kept high.

-- Number of population in Sumatra will increase from 20% to 25% of total figure.

-- Kalimantan and Sulawesi figure will never hold a big portion of total population with low density even in the next century.

-- Some provinces, such as Riau, Lampung and East Kalimantan, have experienced steep increase of population because of rapid economic expansion during 1970s and after.

NUMBER OF TRANSMIGRATION BY PROVINCE (PERSON)

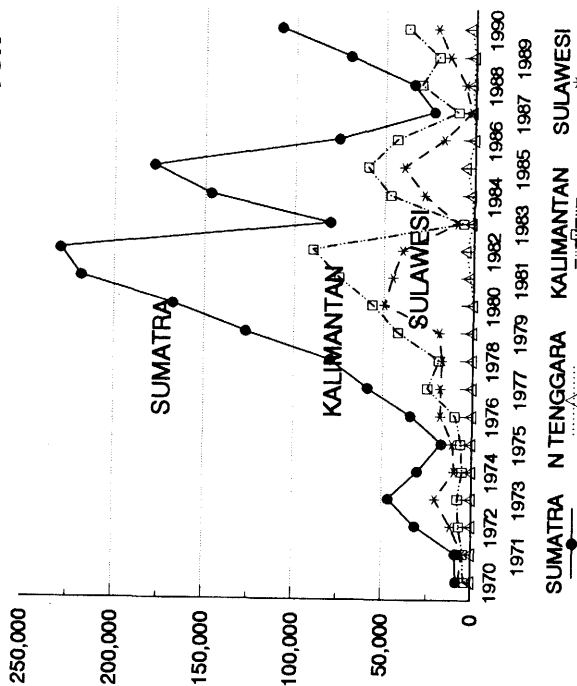
TABLE A-5

	1970/1971	1981/1982	1982/1983	1983/1984	1984/1985	1985/1986	1986/1987	1987/1988	1988/1989	1989/1990	1991	TOTAL
1 Aceh	21,407	9,988	17,842	3,550	5,746	9,213	6,653	-	1,510	3,529	6,986	86,424
2 North Sumatra	6,803	8,427	15,406	4,837	2,925	5,610	3,573	-	914	1,086	3,078	52,659
3 West Sumatra	32,136	2,779	6,134	-	4,342	6,180	3,162	-	1,083	3,909	5,455	65,180
4 Riau	89,718	31,551	25,991	5,615	37,138	38,784	19,926	12,257	19,382	21,699	32,032	334,093
5 Jambi	95,226	19,222	12,844	5,340	25,146	35,784	17,343	-	10,770	-	17,127	238,802
6 South Sumatra	240,713	100,714	60,672	5,335	42,633	42,055	16,107	9,060	5,626	16,681	23,553	563,149
7 Bengkulu	47,215	9,861	19,721	-	9,076	10,339	6,177	-	1,989	5,483	6,735	116,606
8 Lampung	78,554	35,857	71,065	55,572	19,800	30,272	2,819	1,699	3,988	6,685	13,366	319,677
SUMATRA	611,772	218,399	229,675	80,249	146,806	178,237	75,760	23,016	34,502	69,842	108,332	1,776,590
9 Jakarta	-	-	-	-	-	-	-	-	-	-	-	-
10 West Java	-	-	-	-	-	-	-	-	-	-	-	-
11 Central Java	-	-	-	-	-	-	-	-	-	-	-	-
12 Yogyakarta	-	-	-	-	-	-	-	-	-	-	-	-
13 East Java	-	-	-	-	-	-	-	-	-	-	-	-
JAVA	-	-	-	-	-	-	-	-	-	-	-	-
14 Bali	-	-	-	-	-	-	-	-	-	-	-	-
15 West Nusa Tenggara	-	2,160	3,801	-	1,575	2,091	-	753	1,067	641	1,924	14,012
16 East Nusa Tenggara	-	-	-	-	-	-	-	-	-	-	439	439
17 East Timor	-	-	193	947	-	2,678	156	474	493	-	400	5,341
NUSATENGARA	-	2,160	3,994	947	1,575	4,769	156	1,227	1,560	641	2,763	19,792
18 West Kalimantan	37,941	21,171	31,416	5,572	14,391	19,496	8,679	-	11,861	2,950	16,470	169,947
19 Central Kalimantan	29,673	30,099	23,343	534	11,097	10,680	14,205	-	8,083	3,539	8,037	139,290
20 South Kalimantan	80,523	10,845	13,198	-	15,033	19,539	8,561	2,123	1,133	3,328	5,216	159,499
21 East Kalimantan	40,972	13,214	21,889	-	6,597	9,832	12,273	7,580	9,409	11,032	7,948	140,746
KALIMANTAN	189,109	75,329	89,846	6,106	47,118	59,547	43,718	9,703	30,486	20,849	37,671	609,482
22 North Sulawesi	13,425	5,987	2,697	3,405	5,076	8,274	-	-	372	311	1,750	41,297
23 Central Sulawesi	74,589	15,544	18,306	1,808	12,625	13,412	6,479	-	1,113	3,499	10,624	157,999
24 South Sulawesi	38,315	6,416	3,653	-	2,997	5,925	5,826	2,187	3,784	9,049	6,808	84,960
25 Southeast Sulawesi	61,654	17,403	15,220	3,982	7,650	12,032	5,156	-	515	1,692	2,121	127,425
SULAWESI	187,983	45,350	39,876	9,195	28,348	39,643	17,461	2,187	5,784	14,551	21,303	411,681
26 Maluku	18,304	4,771	8,431	45	661	4,137	2,036	-	1,462	-	2,057	41,904
27 Irian Jaya	20,192	21,602	17,298	6,817	10,632	14,598	9,716	3,834	6,104	934	15,338	127,065
OTHERS	38,496	26,373	25,729	6,862	11,293	18,735	11,752	3,834	7,566	934	17,395	168,969
TOTAL	1,027,360	367,611	389,120	103,359	235,140	300,931	148,847	39,967	79,898	106,817	187,464	2,986,514

Source: Department of Immigration; annual report

TRENDS OF TRANSMIGRATION

CHART A-5-1
TRENDS OF NUMBER OF IMMIGRATED PERSON



Source: Annual report (Dept Immigration)

This Section illustrates the general trends of inter-insular migration under the Department of Transmigration.

- Since 1960s Indonesian Government has intensively promoted transmigration which intends to mobilize the people from overpopulated Java to other underdeveloped areas.
- Number of transmigration has steeply increased in 1970s, but a little bit paced down after the mid of 1980s. (See Chart)
- Most preferred location for them are South Sumatra, Riau, Lampung, et al (Mostly Sumatra)
- After 80s Kalimantan, Sulawesi, Irian Jaya have emerged as another new selection for them (Chart)

CHART A-5-2
REALIZATION OF IMMIGRATION

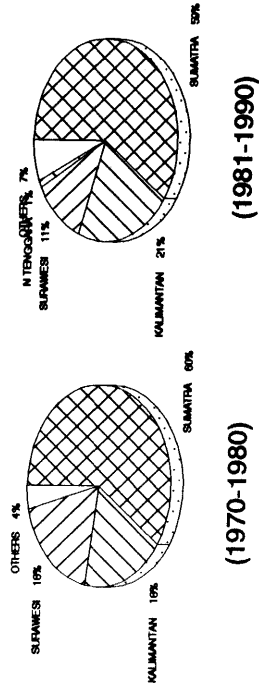
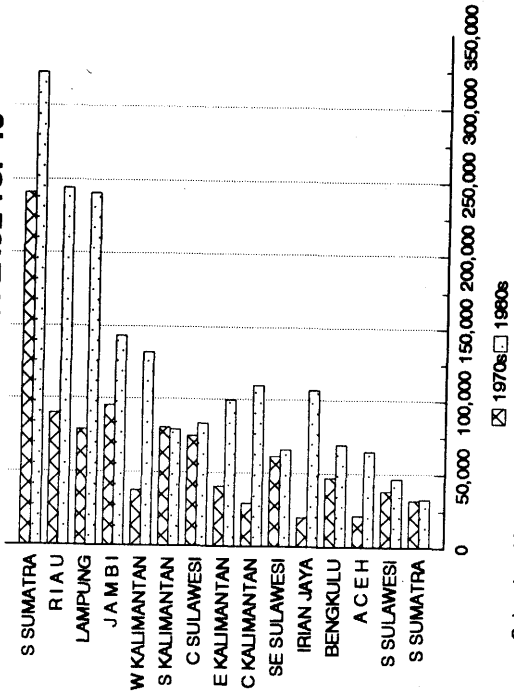


CHART A-5-3

TRANSMIGRATION PLACE TOP 15



Calculated from annual report of Dept Imigrasi

GROSS REGIONAL DEVELOPMENT PRODUCTION

Regional GDP by Province and Sector in Indonesia (1989)

TABLE A-6-1

	(Unit: Billion Rp)												
	Aceh	N Sumatra	W Sumatra	Riau	Jambi	S Sumatra	Bengkulu	Lampung	Jakarta	W Java	C Java	Yogyakarta	E Java
1. Agriculture	1,154	3,378	982	595	429	1,331	253	1,231	251	5,973	6,016	486	6,692
a. Farm Food Crops	523	1,117	569	289	181	509	120	582	122	4,426	4,301	380	4,500
b. Farm Nonfood Crops	114	355	95	145	122	461	65	423	11	280	423	23	985
c. Estate Crops	47	1,071	3	38	60	28	28	136	97	336	82	78	98
d. Livestock	120	327	63	38	42	134	12	8	21	21	302	0	61
e. Forestry	148	91	54	42	45	134	12	8	21	21	302	0	61
f. Fishery	202	416	197	80	20	108	19	83	21	282	355	4	351
2. Mining & Quarrying	3,040	254	43	8,524	238	1,406	40	6	0	2,242	99	10	133
a. Mining	3,031	251	23	8,514	235	1,266	36	0	0	2,172	9	0	18
a1. Crude Petroleum & N Gas	3,031	251	23	8,477	235	1,021	36	0	0	2,169	8	14	14
a2. Non Crude Petroleum & N Gas			23	37		245	36	0	0	3	1	0	4
b. Quarrying	8	3	20	10	2	140	3	6	6	70	90	9	115
3. Manufacturing Industries	1,947	1,644	308	962	169	1,701	20	331	4,140	5,312	4,465	165	4,854
a. Large & Medium S Industries	214	1,540	149	160	137	1,067	9	283	3,780	4,573	2,133	84	3,876
b. Small S & Home Industries	87	70	160	24	32	50	12	48	360	739	504	81	974
c. Petroleum Refinery		34		777		584					1,827		2
d. Liquefied Natural Gas	1,646												
4. Electricity, Gas & Water Supply	11	119	38	33	10	28	4	16	794	386	133	22	224
5. Construction	102	277	104	45	15	291	55	75	1,426	1,740	751	77	1,364
6. Trade, Restaurant & Hotel	436	1,556	706	766	211	1,565	92	428	3,961	5,614	3,436	315	5,589
a. Wholesale & Retail Trade	413	1,414	688	748	190	1,506	86	408	3,477	4,480	3,089	219	5,038
b. Restaurant	20	127	16	16	19	2	5	17	393	1,112	316	83	452
c. Hotels	4	15	2	2	2	57	1	3	91	23	31	13	99
7. Transport & Communication	240	809	246	260	83	289	96	164	2,086	1,321	693	110	1,553
a. Transport	233	736	238	248	79	270	95	156	1,544	1,245	633	98	1,433
b. Communication	6	72	9	12	4	18	1	8	542	77	60	11	119
8. Banking & Other Financial Intermedia	36	353	76	75	28	80	12	93	3,033	315	368	48	845
9. Ownership of Dwelling	29	223	68	126	37	134	18	127	570	400	471	91	428
10. Public Administration & Defence	205	699	241	212	99	255	81	325	909	1,914	1,919	248	1,802
11. Services	32	166	85	37	34	100	12	44	1,600	815	432	81	1,177
TOTAL	7,232	9,475	2,899	11,635	1,352	7,180	682	2,839	18,771	26,032	18,782	1,651	*****
TOTAL WITHOUT OIL, GAS & ITS IT	2,555	9,190	2,899	2,381	1,117	5,575	682	2,839	18,771	23,863	16,947	1,651	*****
TOTAL OIL, GAS & ITS ITEMS	4,677	285	0	9,254	235	1,605	0	0	0	2,169	1,835	0	16

Regional GDP by Province and Sector in Indonesia

TABLE A-6.2

(Unit: Billion Rp)

	West		Central		South		East		North		Central		South		Southeast		Bali		N.T.B.		N.T.T.		Maluku		Irian Jaya		T. Timur	
	Kalimantan	Kalimantan	Kalimantan	Kalimantan	Kalimantan	Kalimantan	Kalimantan	Kalimantan	Sulawesi	Sulawesi	Sulawesi	Sulawesi	Sulawesi	Sulawesi	Sulawesi	Sulawesi	Bali	Bali	N.T.B.	N.T.B.	N.T.T.	N.T.T.	Maluku	Maluku	Irian Jaya	Irian Jaya	T. Timur	T. Timur
1. Agriculture	672	443	443	551	551	974	436	436	362	362	1,630	274	274	274	274	274	979	549	549	549	549	549	549	549	549	549	549	549
a. Farm Food Crops	272	104	104	273	273	171	202	202	165	165	949	121	121	121	121	121	588	368	368	368	368	368	368	368	368	368	368	368
b. Farm Nonfood Crops	141	80	80	51	51	39	129	129	110	110	164	53	53	53	53	53	37	39	39	39	39	39	39	39	39	39	39	39
c. Estate Crops	23	23	23	50	50	80	46	46	24	24	186	37	37	37	37	37	258	77	77	77	77	77	77	77	77	77	77	77
d. Livestock	70	79	143	54	54	580	9	9	27	27	10	10	10	10	10	10	0	8	8	8	8	8	8	8	8	8	8	8
e. Forestry	79	143	143	54	54	580	9	9	27	27	10	10	10	10	10	10	0	8	8	8	8	8	8	8	8	8	8	8
f. Fishery	88	93	93	124	124	103	50	50	35	35	317	52	52	52	52	52	95	57	57	57	57	57	57	57	57	57	57	57
2. Mining & Quarrying	14	5	5	60	60	3,126	11	11	22	22	31	95	95	95	95	95	8	15	15	15	15	15	15	15	15	15	15	15
a. Mining	11	4	4	50	50	3,081	7	7	7	7	23	90	90	90	90	90	6	6	6	6	6	6	6	6	6	6	6	6
a1. Crude Petroleum & N Gas				32	32	3,054																						
a2. Non Crude Petroleum & N Gas				18	18	26	4	4	22	22	8	6	6	6	6	6	8	9	9	9	9	9	9	9	9	9	9	9
b. Quarrying	3	1	1	10	10	46	4	4	22	22	8	6	6	6	6	6	8	9	9	9	9	9	9	9	9	9	9	9
3. Manufacturing Industries	444	177	177	292	292	2,735	71	71	56	56	246	14	14	14	14	14	126	32	32	32	32	32	32	32	32	32	32	32
a. Large & Medium S Industries	316	158	158	250	250	671	29	29	29	29	151	5	5	5	5	5	58	11	11	11	11	11	11	11	11	11	11	11
b. Small S & Home Industries	128	18	18	42	42	22	42	42	27	27	94	9	9	9	9	9	68	20	20	20	20	20	20	20	20	20	20	20
c. Petroleum Refinery				146	146																							
d. Liquefied Natural Gas				1,896	1,896																							
4. Electricity, Gas & Water Supply	12	6	6	23	23	24	10	10	3	3	46	3	3	3	3	3	28	4	4	4	4	4	4	4	4	4	4	4
5. Construction	91	82	82	48	48	144	64	64	57	57	140	21	21	21	21	21	117	46	46	46	46	46	46	46	46	46	46	46
6. Trade, Restaurant & Hotel	541	331	331	466	466	1,215	177	177	114	114	717	94	94	94	94	94	548	183	183	183	183	183	183	183	183	183	183	183
a. Wholesale & Retail Trade	529	314	314	411	411	1,159	164	164	112	112	688	92	92	92	92	92	360	160	160	160	160	160	160	160	160	160	160	160
b. Restaurant	10	15	15	52	52	43	2	2	1	1	25	1	1	1	1	1	52	19	19	19	19	19	19	19	19	19	19	19
c. Hotels	2	1	1	3	3	12	11	11	2	2	5	0	0	0	0	0	136	4	4	4	4	4	4	4	4	4	4	4
7. Transport & Communication	173	63	63	193	193	268	166	166	88	88	314	68	68	68	68	68	262	84	84	84	84	84	84	84	84	84	84	84
a. Transport	166	61	61	182	182	251	158	158	85	85	210	67	67	67	67	67	249	80	80	80	80	80	80	80	80	80	80	80
b. Communication	7	2	2	11	11	16	8	8	3	3	104	1	1	1	1	1	13	4	4	4	4	4	4	4	4	4	4	4
8. Banking & Other Financial Intermediaries	110	19	19	77	77	85	41	41	18	18	67	6	6	6	6	6	70	24	24	24	24	24	24	24	24	24	24	24
9. Ownership of Dwelling	59	14	14	71	71	107	32	32	31	31	153	25	25	25	25	25	16	10	10	10	10	10	10	10	10	10	10	10
10. Public Administration & Defence	147	88	88	157	157	145	207	207	98	98	360	118	118	118	118	118	192	119	119	119	119	119	119	119	119	119	119	119
11. Services	24	45	45	37	37	61	72	72	16	16	32	6	6	6	6	6	248	31	31	31	31	31	31	31	31	31	31	31
TOTAL	2,287	1,272	1,272	1,975	1,975	8,884	1,287	1,287	863	863	3,736	723	723	723	723	723	2,593	1,098	1,098	1,098	1,098	1,098	1,098	1,098	1,098	1,098	1,098	1,098
TOTAL WITHOUT OIL, GAS & ITS ITEMS	2,287	1,272	1,272	1,944	1,944	3,787	1,287	1,287	863	863	3,736	723	723	723	723	723	2,593	1,098	1,098	1,098	1,098	1,098	1,098	1,098	1,098	1,098	1,098	1,098
TOTAL OIL, GAS & ITS ITEMS	0	0	0	32	32	5,097	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note: Oil, gas & its products consist of crude petroleum & natural gas mining, petroleum refinery & LNG.
Source: Pendataan regional propinsi-propinsi di Indonesia menurut lapangan usaha, 1983-1989. (BPS)

REGIONAL GDP PRODUCTION (CURRENT PRICE) 1989 BY SECTOR AND PROVINCE

TABLE A-7

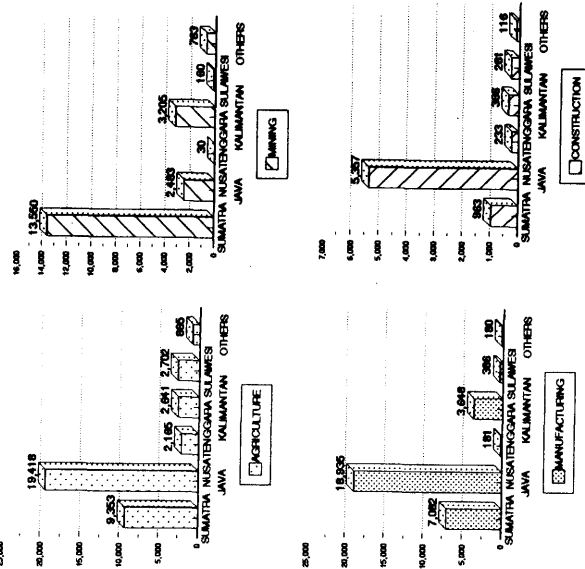
	Agri- culture (1)	Mining and Quarrying (2)	Manu- facturing (3)	Const- ruction (5)	Trade (6)	Other Service (7)	TOTAL (8)	Oil & Gas (9)	Rate per CAPITA (1000Rp) (9)/(8) (10) (11)	GDP per CAPITA (1000Rp) (11)
1 Aceh	1,154	3,040	1,947	102	436	553	7,232	4,677	(64.7)	2,117
2 North Sumatra	3,378	254	1,644	277	1,556	2,367	9,475	285	(3.0)	924
3 West Sumatra	982	43	308	104	706	755	2,899	0	(0.0)	725
4 Riau	595	8,524	962	45	766	744	11,635	9,254	(79.5)	3,519
5 Jambi	429	238	169	15	211	291	1,352	235	(17.4)	1,144
6 South Sumatra	1,331	1,406	1,701	291	1,565	886	7,180	1,605	(22.4)	1,674
7 Bengkulu	253	40	20	55	92	223	682	0	(0.0)	578
8 Lampung	1,231	6	331	75	428	768	2,839	0	(0.0)	473
SUMATRA	9,353	13,550	7,082	963	5,781	6,596	43,295	16,057	(37.1)	1,188
9 Jakarta	251	0	4,140	1,426	3,961	8,992	18,771	0	(0.0)	2,274
10 West Java	5,973	2,242	5,312	1,740	5,614	5,151	26,032	2,169	(8.3)	736
11 Central Java	6,016	99	4,465	751	3,436	4,016	18,782	1,835	(9.8)	659
12 Yogyakarta	486	10	165	77	315	599	1,651	0	(0.0)	567
13 East Java	6,692	133	4,854	1,364	5,589	6,028	24,661	16	(0.1)	759
JAVA	19,418	2,483	18,935	5,357	18,916	24,787	89,896	4,020	(4.5)	836
14 Bali	979	8	126	117	548	816	2,593	0	(0.0)	934
15 West Nusa Tenggara	549	15	32	46	183	273	1,098	0	(0.0)	326
16 East Nusa Tenggara	543	6	20	39	122	310	1,040	0	(0.0)	318
17 East Timor	94	1	4	30	22	80	231	0	(0.0)	309
NUSATENGARA	2,165	30	181	233	875	1,478	4,962	0	(0.0)	488
18 West Kalimantan	672	14	444	91	541	525	2,287	0	(0.0)	706
19 Central Kalimantan	443	5	177	82	331	234	1,272	0	(0.0)	911
20 South Kalimantan	551	60	292	48	466	558	1,975	32	(1.6)	760
21 East Kalimantan	974	3,126	2,735	144	1,215	690	8,884	5,097	(57.4)	4,733
KALIMANTAN	2,641	3,205	3,648	366	2,532	2,008	14,419	5,128	(35.6)	1,583
22 North Sulawesi	436	11	71	64	177	528	1,287	0	(0.0)	519
23 Central Sulawesi	362	22	56	57	114	253	863	0	(0.0)	504
24 South Sulawesi	1,630	31	246	140	717	972	3,736	0	(0.0)	535
25 Southeast Sulawesi	274	95	14	21	94	225	723	0	(0.0)	535
SULAWESI	2,702	160	396	281	1,102	1,977	6,608	0	(0.0)	528
26 Maluku	470	115	162	27	277	284	1,333	0	(0.0)	718
27 Irian Jaya	395	649	18	90	119	354	1,624	289	(17.8)	990
OTHERS	865	763	180	116	396	637	2,957	289	(9.8)	846
TOTAL	37,142	20,191	30,412	7,315	29,603	37,474	162,137	25,495	(15.7)	904

Source: Peta Industri Regional Propinsi-Propinsi di Indonesia menurut Lapangan Usaha 1983-1989 (BPS)

Source: Pendapatan Regional Propinsi di Indonesia menurut Lapangan Usaha 1983-1989 (BPS)

GRDP PRODUCTION BY REGION AND SECTOR

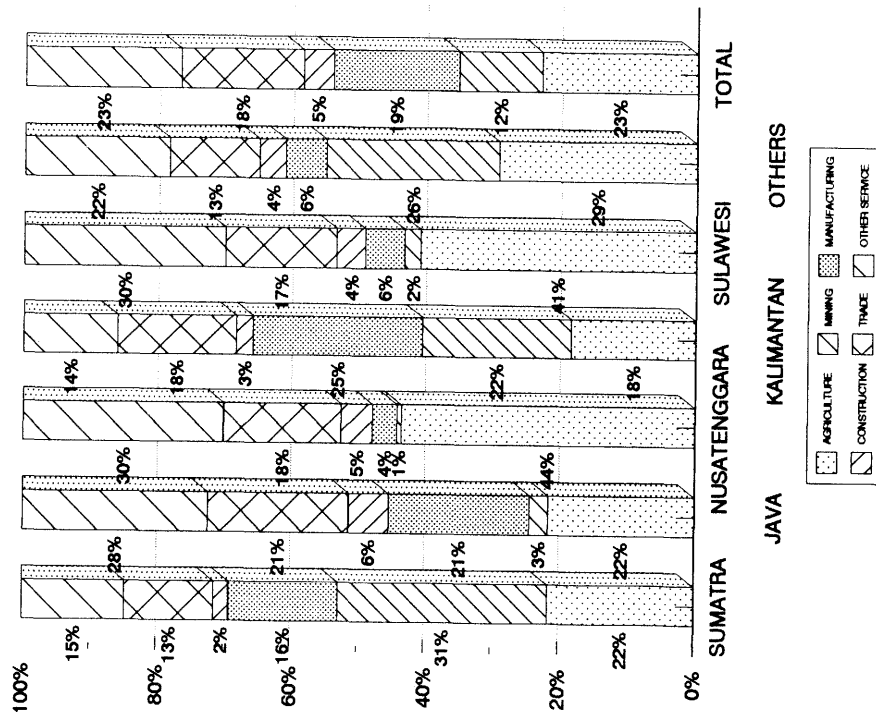
CHART A-7-2
GRDP AMOUNT BY SECTOR



This Section shows the total amount and sectoral ratio of Gross Regional Domestic Production (GRDP) in all provinces in Indonesia calculated by current price.

- Agriculture still maintains primary roles in Sumatra (22%), Jawa (22%) and Sulawesi (41%)
- Manufacturing industries are dominated by Jawa region (Especially Jakarta and West Jawa) and several regions of Sumatra.
- Sumatra and Kalimantan have enjoyed rather big portion of Mining (31% and 22%) because of abundant natural endowment including Oil and Gas.

CHART A-7-1
RATE OF CURRENT GRDP BY SECTOR (1989)



GRDP GROWTH RATE REGIONAL INCOME OF PROVINCES IN INDONESIA GRDP AT CONSTANT PRICE 1983

TABLE A-8

	TOTAL AMOUNT (Billion Rp)										GROWTH RATE			Average 83-88 (%)
	1983	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989	
1 Aceh	3,425	4,099	4,210	4,230	4,593	5,010	5,873	19,66	2,71	0,48	8,59	9,06	17,24	8,10
2 North Sumatra	3,474	3,735	3,886	4,132	4,492	4,999	5,484	7,52	4,06	6,31	8,73	11,28	9,71	7,58
3 West Sumatra	1,234	1,300	1,356	1,424	1,498	1,593	1,710	5,35	4,26	5,23	6,32	7,32	5,24	5,24
4 Riau	7,511	6,785	6,501	7,336	8,198	8,552	9,072	-9,66	-4,20	12,86	11,74	4,32	6,08	3,01
5 Jambi	531	560	600	639	717	843	888	5,48	7,16	6,50	12,18	17,55	5,34	9,77
6 South Sumatra	3,438	3,857	4,051	4,249	4,248	4,510	4,833	12,19	5,04	4,90	-0,04	6,16	7,17	5,85
7 Bengkulu	261	278	300	332	357	393	422	6,73	7,70	10,71	7,63	10,11	7,32	8,58
8 Lampung	1,065	1,192	1,270	1,383	1,528	1,656	1,777	11,95	6,51	8,90	10,48	8,38	7,30	9,24
SUMATRA	** 20,938	21,806	22,173	23,725	25,631	27,555	30,059	7,40	4,16	6,96	8,07	9,15	8,43	7,15
9 Jakarta	7,819	8,648	9,013	9,445	9,995	10,824	11,791	10,61	4,21	4,79	5,82	8,30	8,93	6,75
10 West Java	10,191	11,940	12,671	13,505	14,008	15,111	16,333	17,17	6,12	6,58	3,73	7,88	8,08	8,30
11 Central Java	7,300	8,232	8,920	9,460	10,016	10,652	11,340	12,77	8,35	6,06	5,88	6,35	6,46	7,88
12 Yogyakarta	763	810	821	885	921	976	1,038	6,09	1,42	7,76	4,08	6,00	6,27	5,07
13 East Java	10,848	11,513	12,147	12,896	13,524	14,420	15,495	6,13	5,51	6,16	4,87	6,63	7,46	5,86
JAVA	** 36,921	41,144	43,572	46,190	48,464	51,984	55,996	10,55	5,12	6,27	4,88	7,03	7,44	6,77
14 Bali	901	988	1,073	1,153	1,265	1,374	1,494	9,65	8,56	7,47	9,72	8,61	8,72	8,80
15 West Nusa Tenggara	519	575	593	629	648	691	750	10,76	3,20	6,09	2,97	6,67	8,55	5,94
16 East Nusa Tenggara	498	536	556	585	608	632	667	7,46	3,77	5,32	3,86	3,98	5,52	4,88
17 East Timor	82	88	94	99	107	117	125	6,61	6,96	5,73	7,92	9,07	7,16	7,26
NUSATENGARA	** 2,001	2,186	2,315	2,466	2,627	2,813	3,036	8,62	5,62	6,15	6,12	7,08	7,49	6,72
18 West Kalimantan	851	887	936	1,061	1,165	1,364	1,432	4,23	5,56	13,38	9,76	17,10	5,03	10,01
19 Central Kalimantan	478	504	536	590	633	687	746	5,42	6,31	10,00	7,27	8,55	8,59	7,51
20 South Kalimantan	901	960	988	1,017	1,105	1,198	1,281	6,59	2,88	2,91	8,63	8,40	7,01	5,88
21 East Kalimantan	4,316	5,237	5,276	5,318	5,315	5,309	5,467	21,33	0,75	0,80	-0,07	-0,11	2,97	4,54
KALIMANTAN	** 6,546	7,588	7,737	7,986	8,217	8,557	8,926	9,39	3,88	6,77	6,40	8,49	5,90	6,99
22 North Sulawesi	672	681	705	730	770	825	870	1,43	3,42	3,61	5,53	7,10	5,51	4,22
23 Central Sulawesi	364	374	393	419	449	486	532	2,80	4,89	6,84	7,15	8,09	9,43	5,95
24 South Sulawesi	1,752	1,830	1,966	2,094	2,167	2,363	2,517	4,45	7,46	6,53	3,46	9,06	6,53	6,19
25 Southeast Sulawesi	294	322	335	366	386	421	465	9,46	3,93	9,43	5,37	9,01	10,53	7,44
SULAWESI	** 3,082	3,207	3,398	3,610	3,773	4,095	4,385	4,54	4,93	6,60	5,38	8,32	8,00	5,95
26 Maluku	479	516	539	601	674	734	778	7,89	4,34	11,48	12,18	6,98	5,99	8,97
27 Irian Jaya	852	791	775	822	848	924	1,030	-7,16	-2,18	6,09	3,21	8,89	11,49	1,79
OTHERS	** 1,331	1,308	1,314	1,423	1,522	1,658	1,808	0,37	1,08	8,79	7,70	7,94	8,74	5,38
TOTAL	** 70,818	77,239	80,508	85,400	90,234	96,663	103,998	8,98	2,46	5,88	4,93	5,73	7,39	6,49

Source: Pendapatan Nasional Indonesia 1983-1988/National Income of Indonesia 1983-1988

Notes: The difference between the Total of GRDP of 27 Provinces and the GDP of Indonesia among other due to the difference in coverage and statistical discrepancies

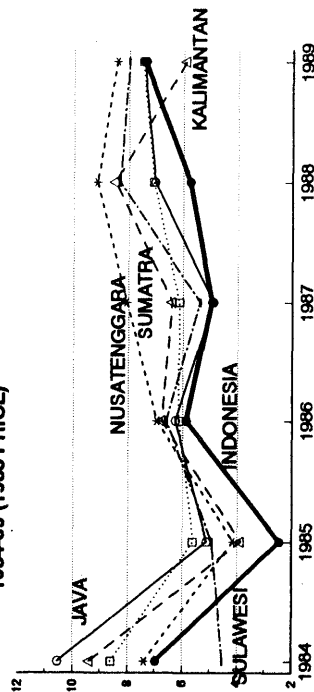
*) Growth rate from previous year

GRDP GROWTH RATE AT CONSTANT PRICE

CHART A-8-1

GRDP GROWTH RATE

1984-89 (1983 PRICE)

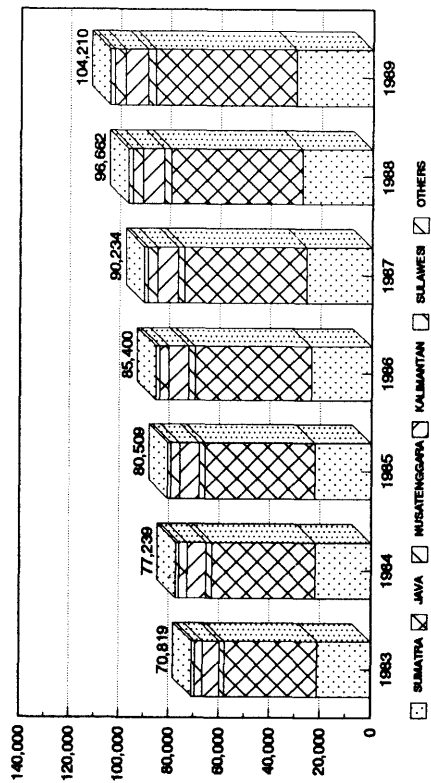


This Section indicates the overall trends of growth rate of GRDP by sector and province which calculated by 1983 constant price.

- Average growth rate of total GRDP during 1983-88 have achieved fairly satisfactory level of 6.5%.
- But rate of growth has fluctuated year by year and by regions.
- Highest growth rate have been experienced in North Sumatra, Lampung, West Java, West Kalimantan area (Mostly in Java and Sumatra)
- Java still occupies the dominant share of total GRDP (54%)

CHART A-8-2

SECTORAL GROWTH RATE



GRDP PER CAPITA PER CAPITA GDRP AT CONSTANT 1983 PRICE

TABLE A-9

PER CAPITA GDRP AT CONSTANT 1983 PRICE										GROWTH RATE INDEX (Previous Year = 0.00)				AVG 83-89 (%)
	1983	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989	
1 Aceh	1,225	1,428	1,429	1,400	1,483	1,577	1,804	16.61	0.10	-2.04	5.90	6.37	14.36	5.39
2 North Sumatra	390	409	416	432	459	499	536	4.98	1.62	3.85	6.24	8.85	7.41	5.11
3 West Sumatra	346	359	368	381	394	413	436	3.64	2.58	3.38	3.60	4.69	5.68	3.58
4 Riau	3,127	2,784	2,583	2,824	3,057	3,098	3,178	-10.96	-7.22	9.33	8.28	1.32	2.60	0.15
5 Jambi	333	338	349	359	387	439	446	1.60	3.23	2.79	7.95	13.32	1.56	5.78
6 South Sumatra	689	749	763	776	753	775	803	8.78	1.86	1.69	-1.04	3.05	3.60	2.47
7 Bengkulu	305	313	323	344	355	376	387	2.44	3.38	6.31	3.38	5.77	3.11	4.26
8 Lampung	203	216	219	227	239	246	252	6.62	1.44	3.58	5.05	3.14	2.17	3.97
SUMATRA	6,617	6,597	6,451	6,742	7,128	7,424	7,843	4.21	0.87	3.61	4.92	5.81	5.06	3.84
9 Jakarta	1,087	1,157	1,171	1,193	1,245	1,318	1,418	6.45	0.28	0.88	1.91	4.30	5.86	2.76
10 West Java	346	399	414	432	438	462	448	15.42	3.78	4.19	1.43	5.50	-3.10	6.06
11 Central Java	278	310	332	348	364	383	403	11.43	7.07	4.84	4.70	5.18	5.29	6.64
12 Yogyakarta	268	281	281	299	308	322	339	4.77	0.16	2.85	4.76	5.04	-96.20	3.80
13 East Java	358	375	390	408	423	445	472	4.69	4.09	4.76	3.53	5.27	6.10	4.47
JAVA	2,337	2,522	2,578	2,658	2,726	2,857	2,979	8.55	3.08	3.50	3.27	5.06	-16.41	4.75
14 Bali	351	379	406	431	466	500	536	8.14	7.06	6.02	8.28	7.19	7.31	7.34
15 West Nusa Tenggara	179	193	195	203	204	213	227	8.24	0.91	3.80	0.81	4.49	6.39	3.65
16 East Nusa Tenggara	171	180	183	188	192	195	201	5.09	1.49	3.04	1.65	1.77	3.29	2.61
17 East Timor	138	144	150	155	163	173	181	3.94	4.30	3.13	5.29	6.43	4.58	4.62
NUSATENGGARA	840	897	934	977	1,025	1,082	1,146	6.35	3.44	4.00	4.01	4.97	5.39	4.56
18 West Kalimantan	321	327	336	372	397	452	461	1.64	2.94	10.56	6.90	13.66	2.05	7.14
19 Central Kalimantan	461	471	485	518	538	567	597	2.15	3.02	6.62	4.01	5.28	5.31	4.21
20 South Kalimantan	414	433	437	442	471	502	527	4.57	0.94	1.01	6.65	6.44	6.08	3.92
21 East Kalimantan	3,085	3,595	3,478	3,521	3,221	3,084	3,051	16.51	-3.25	-3.49	-4.03	-4.25	-1.06	0.30
KALIMANTAN	4,282	4,826	4,737	4,687	4,628	4,604	4,636	6.22	0.91	3.68	3.38	5.28	3.09	3.89
22 North Sulawesi	300	298	302	307	319	336	348	-0.65	1.29	1.85	3.74	5.30	3.74	2.31
23 Central Sulawesi	257	259	263	272	283	297	315	0.68	1.63	3.56	3.89	4.81	6.12	2.91
24 South Sulawesi	261	271	290	307	316	342	363	3.88	6.87	5.95	2.88	8.46	5.94	5.61
25 Southeast Sulawesi	285	302	303	321	327	344	368	5.75	0.43	5.77	1.88	5.40	6.89	3.85
SULAWESI	1,103	1,130	1,157	1,207	1,244	1,319	1,394	2.41	2.56	4.28	3.10	5.99	5.67	3.67
26 Maluku	316	333	338	367	402	427	441	5.18	1.59	8.68	9.37	6.26	3.35	6.22
27 Irian Jaya	669	602	572	588	589	593	668	-9.99	-5.05	2.90	0.14	0.65	12.69	2.27
OTHERS	985	935	910	956	991	1,020	1,109	-2.40	-1.73	5.79	4.76	3.46	8.02	4.25
TOTAL	16,164	16,905	16,768	17,227	17,741	18,305	19,108	9.07	4.23	6.08	5.66	7.12	7.81	6.43

Source: Pmdapatan regional propnsh-propnsl of Indonesia, 1983-1989, (BPS)

Source: Pridapatan regional propinsi-provinsi di Indonesia, 1983-1989. (BPS)

CHART A-9-1
GDP PER CAPITA AND GROWTH RATE

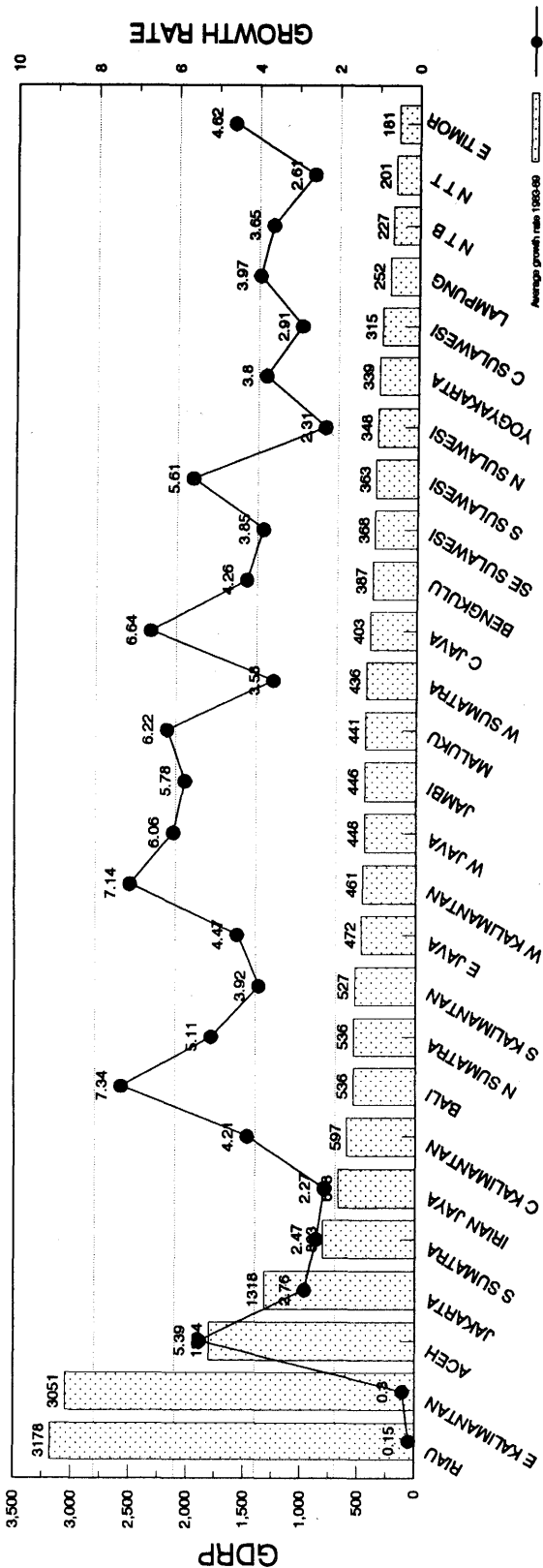


CHART A-9-2
GDP GROWTH RATE

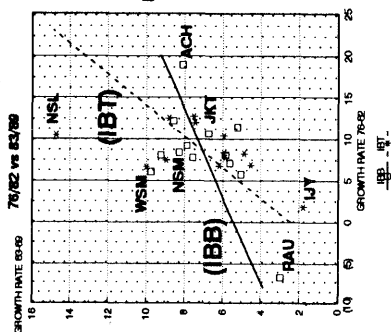
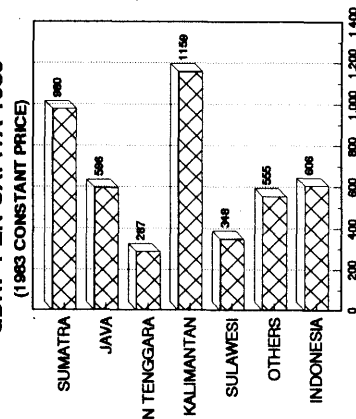


CHART A-9-3
GDP PER CAPITA 1989



This Section shows the level of Per Capita GRDP by province which might implicate the living standard and progress of economic development of each province.

- Average personal income (GRDP per Capita) in Indonesia is about 600 thousand rupiah in 1989.
- Highest income have been gained by Riau and East Kalimantan regions owing to the income from Oil and Gas.
- Jakarta ranks third with 1300 thousand rupiah per person, but other Java provinces only get fairly low GRDP figures because of big population pressure.
- East Timor is at the lowest position with only 181 thousand rupiah which means one-seventh of Jakarta.
- IBB and IBT have been shown very sharp contrast of GRDP growth rate through 1970s and 1980s (See Chart ++)

DISTRIBUTION of HOUSEHOLD EXPENITURE

PERCENTAGE DISTRIBUTION of POPULATION in URBAN AND 1987 RURAL AREAS BY PROVINCE AND EXPENDITURE CLASSES (1989)

TABLE A-10

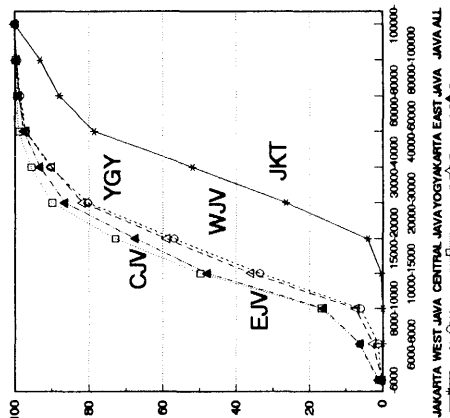
PROVINCE	Less Than 6000	6 000	8 000	10 000	15000	20 000	30 000	40 000	60 000	80 000	100 000	Total
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1 Aceh	0.00	0.52	3.04	23.27	22.73	32.04	10.22	6.08	1.48	0.25	0.38	100
2 North Sumatra	0.42	2.51	4.03	21.17	24.87	26.16	11.44	6.76	1.79	0.41	0.44	100
3 West Sumatra	0.00	0.15	1.70	15.71	24.30	33.72	13.06	8.51	1.95	0.45	0.44	100
4 Riau	0.00	0.17	1.49	15.79	25.79	33.13	13.27	7.98	1.50	0.53	0.36	100
5 Jambi	0.00	0.16	1.05	21.05	25.47	35.38	9.66	5.69	1.19	0.17	0.17	100
6 South Sumatra	1.06	1.15	2.62	17.84	24.30	32.83	10.64	7.07	1.34	0.89	0.47	100
7 Bengkulu	0.00	0.00	1.23	23.57	30.18	30.47	9.06	4.01	0.89	0.21	0.39	100
8 Lampung	0.44	2.97	8.28	32.63	24.40	19.63	6.13	3.61	1.17	0.34	0.41	100
SUMATRA	0.24	0.95	2.93	21.38	25.26	30.42	10.44	6.21	1.41	0.38	0.38	100
9 Jakarta	0.00	0.00	0.00	0.22	3.66	22.55	25.48	26.69	9.53	5.06	6.82	100
10 West Java	0.03	1.10	4.79	27.55	23.35	23.50	9.96	6.78	1.54	0.77	0.63	100
11 Central Java	0.90	5.19	10.65	32.99	23.08	17.16	5.61	3.25	0.71	0.26	0.19	100
12 Yogyakarta	0.00	2.55	4.68	28.64	22.97	22.89	8.36	6.87	2.00	0.68	0.37	100
13 East Java	0.96	5.15	9.97	31.59	19.66	19.15	6.74	4.25	1.54	0.46	0.52	100
JAVA	0.38	2.80	6.02	24.20	18.54	21.05	11.23	9.57	3.06	1.45	1.71	100
14 Bali	0.46	3.48	6.91	28.24	23.56	21.12	7.57	6.02	1.41	0.37	0.85	100
15 West Nusa Tenggara	1.98	8.66	14.31	34.64	19.45	13.63	4.25	1.77	0.87	0.10	0.35	100
16 East Nusa Tenggara	1.23	7.75	16.91	36.38	17.34	13.82	3.75	1.80	0.52	0.26	0.23	100
17 East Timor	0.85	4.95	18.11	34.37	26.01	10.91	3.41	1.39	0.00	0.00	0.00	100
NUSATENGGARA	1.13	6.21	14.06	33.41	21.59	14.87	4.75	2.75	0.70	0.18	0.36	100
18 West Kalimantan	0.17	1.72	7.58	30.28	25.38	22.74	6.63	4.27	0.88	0.22	0.12	100
19 Central Kalimantan	0.00	0.00	5.89	25.21	26.83	27.14	8.68	5.07	0.83	0.26	0.08	100
20 South Kalimantan	0.00	0.37	3.16	23.49	25.15	25.32	11.72	7.97	1.53	0.71	0.59	100
21 East Kalimantan	0.19	0.49	1.49	13.35	18.90	28.90	16.72	13.04	4.61	0.79	1.53	100
KALIMANTAN	0.09	0.65	4.53	23.08	24.07	26.03	10.94	7.58	1.96	0.50	0.58	100
22 North Sulawesi	0.24	2.50	3.99	22.67	23.30	27.26	9.62	7.38	2.03	0.66	0.36	100
23 Central Sulawesi	0.00	4.81	7.91	27.39	23.50	22.87	8.21	4.38	0.68	0.18	0.08	100
24 South Sulawesi	0.77	5.82	11.65	33.72	23.30	16.52	5.06	2.34	0.49	0.17	0.16	100
25 Southeast Sulawesi	4.24	12.21	15.56	32.55	18.03	11.25	3.59	1.84	0.61	0.13	0.01	100
SULAWESI	1.31	6.34	9.78	29.08	22.03	19.48	6.52	3.99	0.95	0.29	0.15	100
26 Maluku	0.00	2.41	11.35	29.62	21.52	19.94	8.26	4.99	0.70	0.83	0.38	100
27 Irian Jaya	4.80	7.12	10.55	24.13	19.47	15.87	6.69	6.99	2.60	0.94	0.83	100
OTHERS	2.40	4.77	10.95	26.88	20.50	17.91	7.48	5.99	1.65	0.89	0.61	100
TOTAL	0.93	3.62	8.04	26.34	22.00	21.62	8.57	6.01	1.62	0.61	0.63	100

Source: Statistical Yearbook of Indonesia 1990 (BPS)

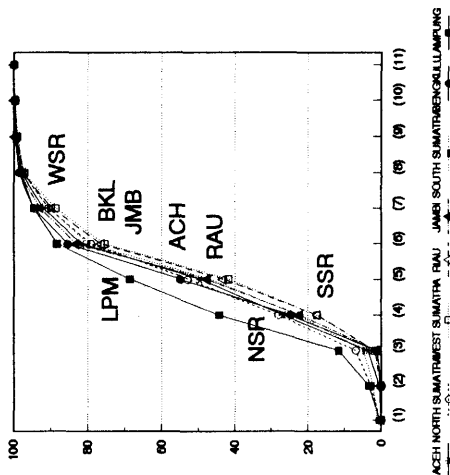
DISTRIBUTION OF HOUSEHOLD EXPENDITURE BY PROVINCE

CHART A-10-1

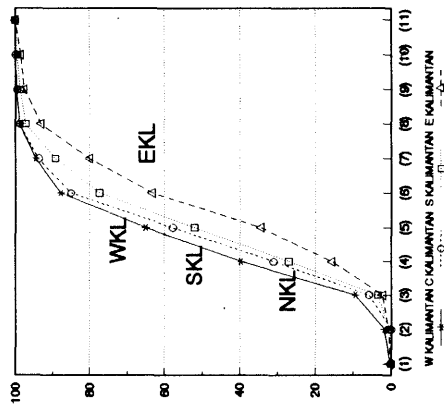
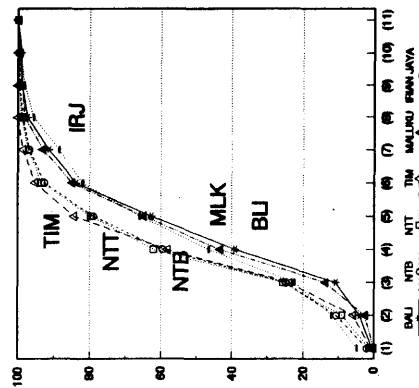
EXPENDITURE PATTERN BY PROVINCE (JAVA)



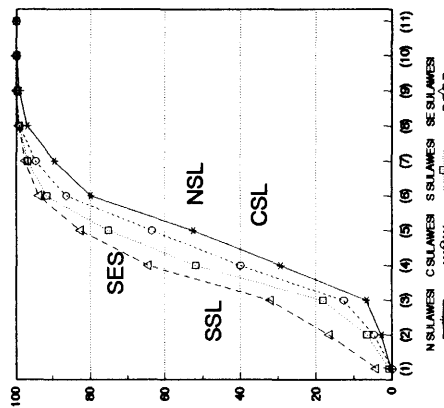
SUMATRA



NUSA TENGARA



KALIMANTAN



SULAWESI

- ## This Section shows pattern of distribution of household expenditure by province in 1987 which is concerned with the degree of equity and living standard.
- In average, about a half population only spend 10 to 15 thousand, beside very limited 0.6% enjoyed over 100 thousand rupiah per month for daily necessity.
 - Jakarta extremely shifted to the right side position which means higher income level have been enjoyed than others. (See Chart 1)
 - In Eastern Part of Indonesia, such as Nusa Tenggara, Sulawesi and Irian Jaya, the lines have a little bit shifted to the left position presenting lower income in average.
 - Most of the provinces have centered their peak of income line around lower than midpoint.

MANUFACTURING INDUSTRIES (Value Added)

TOTAL VALUE ADDED OF MANUFACTURING INDUSTRIES PER PROVINCE OF LARGE AND MEDIUM ESTABLISHMENTS (1989)

(Unit Million Rp)

TABLE A-11

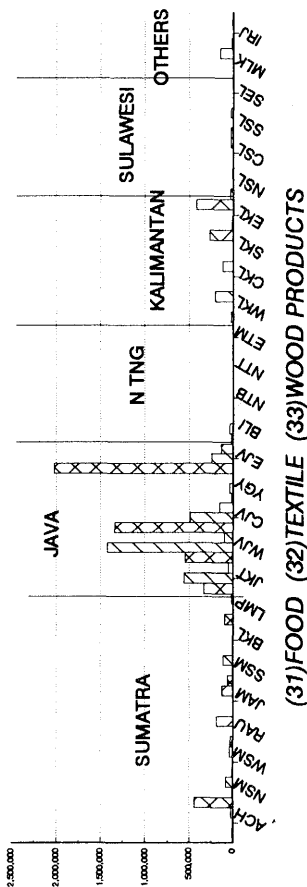
ISIC Number	FOOD, TEXTILE, WOOD & PAPER & FABRICATED			NON-			BASIC			OTHERS			TOTAL	(%)
	etal	ITS	ITS	PRODUCTS	CHEMICALS	METAL	PRODUCTS	METAL	MACHINERY	METAL	MACHINERY			
1 Aceh	12,962	0	24,907	24,335	88,096	4,285	0	293	158	155,035	(0.81)			
2 North Sumatra	442,344	8,326	87,612	13,308	243,627	8,980	395,935	86,004	736	1,286,872	(6.76)			
3 West Sumatra	13,312	4,377	37,807	2,401	17,459	28,985	0	1,373	0	105,713	(0.56)			
4 Riau	29,394	5,341	193,409	62,826	10,418	1,762	0	272,007	115	575,273	(3.02)			
5 Jambi	1,878	0	130,049	0	36,664	25	0	149	4,453	173,219	(0.91)			
6 South Sumatra	63,310	5,093	114,680	210	142,980	15,867	0	4,651	74	346,865	(1.82)			
7 Bengkulu	1,079	24	2,702	0	1,894	204	0	0	0	5,901	(0.03)			
8 Lampung	98,173	457	15,901	284	153,803	5,090	0	1,011	0	274,718	(1.44)			
SUMATRA	662,450	23,617	607,067	103,365	694,940	65,198	395,935	365,488	5,536	2,923,586	(15.35)			
9 Jakarta	335,053	560,087	52,079	176,859	537,694	87,781	77,262	1,628,674	38,767	3,494,255	(18.35)			
10 West Java	543,776	1,424,042	101,500	176,391	628,806	253,087	979,331	763,677	38,266	4,908,877	(25.77)			
11 Central Java	1,340,464	495,592	155,520	27,214	139,098	57,304	23,117	103,236	7,143	2,348,689	(12.33)			
12 Yogyakarta	21,853	38,423	983	9,792	1,280	3,899	0	7,018	566	83,814	(0.44)			
13 East Java	2,022,730	244,078	138,403	216,741	396,887	79,018	100,898	294,629	9,844	3,503,229	(18.39)			
JAVA	4,263,877	2,762,222	448,484	606,998	1,703,766	481,089	1,180,609	2,797,234	94,587	14,338,865	(75.28)			
14 Bali	17,077	37,793	5,540	2,753	459	1,220	0	972	1,533	67,346	(0.35)			
15 West Nusa Tenggara	2,925	1,313	827	54	0	2,745	0	167	0	8,032	(0.04)			
16 East Nusa Tenggara	64	358	444	64	1,866	1,615	0	35	0	4,447	(0.02)			
17 East Timor	133	0	56	0	74	490	0	85	0	837	(0.00)			
NUSATENGARA	20,199	39,464	6,867	2,871	2,400	5,069	0	1,259	1,533	80,661	(0.42)			
18 West Kalimantan	26,853	0	209,906	225	41,549	0	0	10,697	90	289,320	(1.52)			
19 Central Kalimantan	0	0	117,096	0	2,723	0	0	0	0	119,819	(0.63)			
20 South Kalimantan	5,791	14	265,409	112	16,972	569	0	519	0	289,385	(1.52)			
21 East Kalimantan	13,252	171	420,529	943	163,969	852	0	2,640	0	602,356	(3.16)			
KALIMANTAN	45,896	185	1,012,940	1,280	225,212	1,421	0	13,856	90	1,300,880	(6.83)			
22 North Sulawesi	30,059	214	8,032	654	381	100	0	3,315	0	42,755	(0.22)			
23 Central Sulawesi	2,394	12	25,074	4,534	0	332	0	0	0	32,346	(0.17)			
24 South Sulawesi	26,925	2,739	22,996	0	1,335	28,930	602	35,300	0	118,826	(0.62)			
25 Southeast Sulawesi	6,290	0	3,649	0	402	0	0	94	0	10,436	(0.05)			
SULAWESI	65,668	2,964	59,751	5,188	1,716	29,765	602	38,709	0	204,364	(1.07)			
26 Maluku	2,258	0	147,509	467	15,859	121	0	1,193	0	167,407	(0.88)			
27 Irian Jaya	19,221	0	9,995	357	0	95	0	827	0	30,495	(0.16)			
OTHERS	21,479	0	157,504	823	15,859	215	0	2,020	0	197,902	(1.04)			
TOTAL	5,079,569	2,828,452	2,292,613	720,524	2,643,893	583,758	1,577,146	3,218,566	101,745	19,046,267	(100.00)			

Source: Calculated from BPS's annual survey

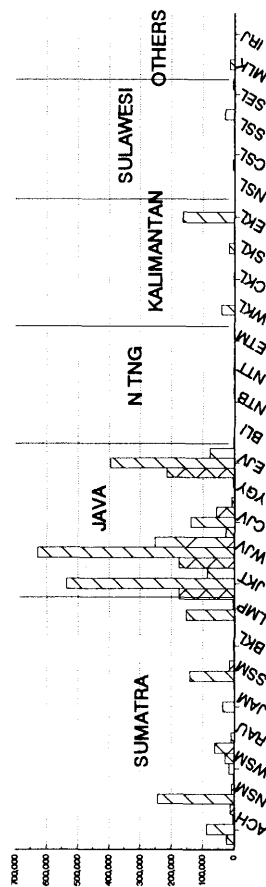
AMOUNT OF VALUE ADDED IN L & M MANUFACTURING

CHART A-11-1

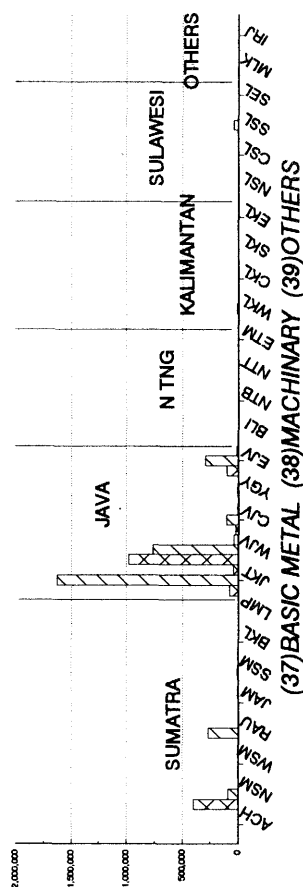
AMOUNT OF VA in MANUFACTURING INDUSTRIES



(31)FOOD (32)TEXTILE (33)WOOD PRODUCTS



(34)PAPER (35)CHEMICAL (36)NON-METAL



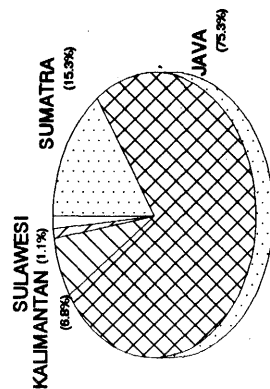
(37)BASIC METAL (38)MACHINERY (39)OTHERS

CHART A-11-2

VALUE ADDED BY PROVINCE

TOTAL VALUE ADDED BY PROVINCE

(1989)



This Section covers the development of manufacturing industries (Large and Medium Industries only) evaluated by Value Added with matrix of Sectoral classification (ISIC 2 digit) and province.

- Java enjoys the dominant 75% share of total Value Added originating manufacturing, with being contributed by West Java, Jakarta and East Java have obtained 26%, 18%, 18% respectively.
- Sumatra keeps second position of 15% ratio in manufacturing.
- But, Kalimantan, Sulawesi and other IBT regions get only negligible portions in the manufacturing industries.
- Textile, chemicals, basic metal industries exclusively located in Java.
- Selective oil based chemical industries centered in North Sumatra, Riau, South Sumatra and East Kalimantan areas besides Java.
- Wood and paper industries show fairly wide distribution in the outer regions including Sumatra, Kalimantan.

MANUFACTURING INDUSTRIES (ESTABLISHMENT)

NUMBER LARGE AND MIDIMUM OF MANUFACTURING INDUSTRIES PER PROVINCE (1989)

TABLE A-12

TABLE A-12																					(Unit)
	FOOD, BEVERAGES et al			TEXTILE, APPAREL		WOOD & PAPER & ITS PRODUCT		CHEMICAL & ITS PRODUCT		NON-METAL PRODUCT		BASIC METAL		FABRICATED METAL & MACHINERY		OTHERS		TOTAL	%		
	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)				
1 Aceh	18	0	30	3	17	4	0	7	5	84	(0.57)										
2 North Sumatra	354	51	130	43	211	44	6	110	13	962	(6.55)										
3 West Sumatra	28	18	27	8	14	10	0	3	0	108	(0.74)										
4 Riau	44	7	93	4	7	9	0	28	3	195	(1.33)										
5 Jambi	13	0	71	0	9	1	0	3	4	101	(0.69)										
6 South Sumatra	46	7	88	6	32	35	0	14	1	229	(1.56)										
7 Bengkulu	5	1	4	0	2	2	0	0	0	14	(0.10)										
8 Lampung	95	5	14	1	27	11	0	7	0	160	(1.09)										
SUMATRA	603	89	457	65	319	116	6	172	26	1,853	(12.63)										
9 Jakarta	222	717	131	193	380	38	17	361	41	2,100	(14.31)										
10 West Java	709	1,057	205	119	539	426	7	382	61	3,505	(23.86)										
11 Central Java	924	677	158	93	182	236	2	141	44	2,457	(16.74)										
12 Yogyakarta	30	47	15	17	11	17	0	18	8	163	(1.11)										
13 East Java	1,487	439	234	111	359	296	9	335	39	3,309	(22.55)										
JAVA	3,372	2,937	743	533	1,471	1,013	35	1,237	193	11,534	(78.59)										
14 Bali	59	141	63	12	6	25	0	3	19	328	(2.23)										
15 West Nusa Tenggara	48	12	5	1	0	29	0	2	0	97	(0.66)										
16 East Nusa Tenggara	3	3	7	1	2	3	0	2	0	21	(0.14)										
17 East Timor	2	0	1	0	1	3	0	1	0	8	(0.05)										
NUSATENGGARA	112	156	76	14	9	60	0	8	19	454	(3.09)										
18 West Kalimantan	19	0	74	3	12	0	0	1	1	110	(0.75)										
19 Central Kalimantan	0	0	60	0	4	0	0	0	0	64	(0.44)										
20 South Kalimantan	18	1	95	1	18	5	0	2	0	140	(0.95)										
21 East Kalimantan	14	5	70	2	10	5	0	13	0	119	(0.81)										
KALIMANTAN	51	6	299	6	44	10	0	16	1	433	(2.95)										
22 North Sulawesi	32	16	15	4	5	3	0	4	0	79	(0.54)										
23 Central Sulawesi	8	1	37	10	0	4	0	0	0	60	(0.41)										
24 South Sulawesi	53	43	25	0	7	8	1	10	0	147	(1.00)										
25 Southeast Sulawesi	6	0	21	0	0	6	0	1	0	34	(0.23)										
SULAWESI	99	60	98	14	12	21	1	15	0	320	(2.18)										
26 Maluku	12	0	17	3	7	3	0	6	0	48	(0.33)										
27 Irian Jaya	11	0	14	4	0	3	0	2	0	34	(0.23)										
OTHERS	23	0	31	7	7	6	0	8	0	82	(0.56)										
TOTAL	4,260	3,248	1,704	639	1,862	1,226	42	1,456	239	14,676	(*****)										

Source: Calculated from BPS's annual survey

NUMBER OF ESTABLISHMENT AND VALUE ADDED

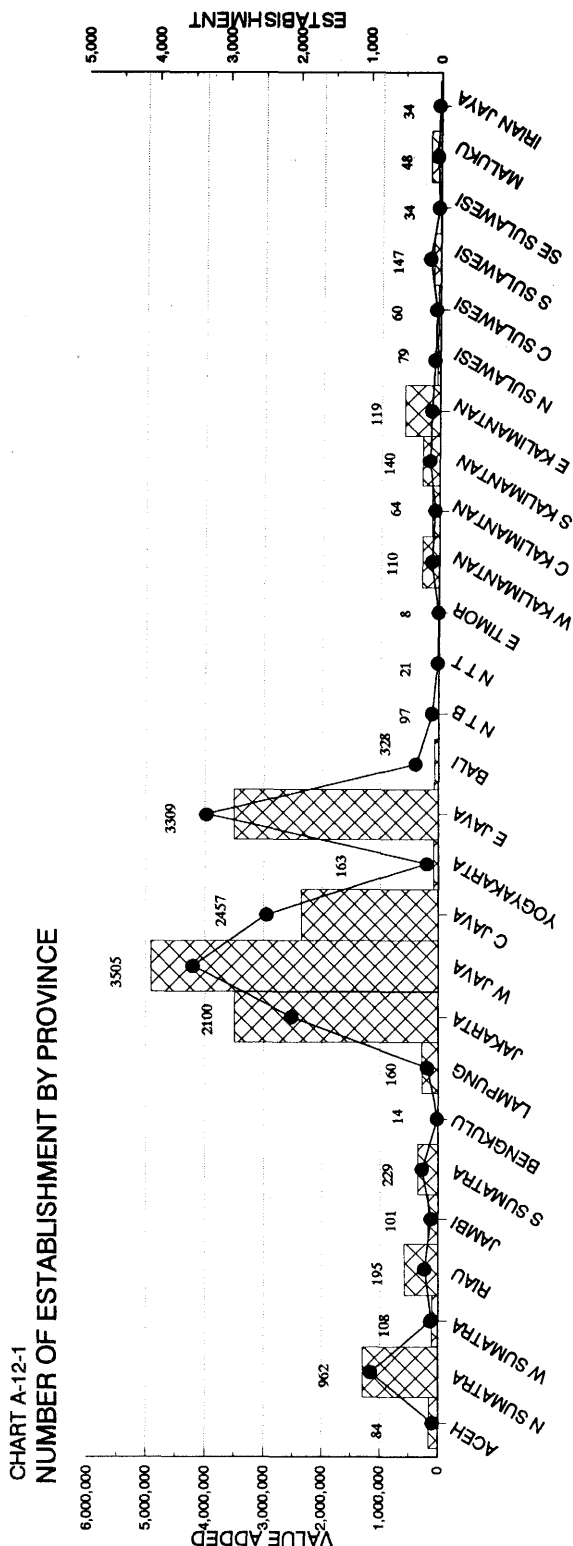
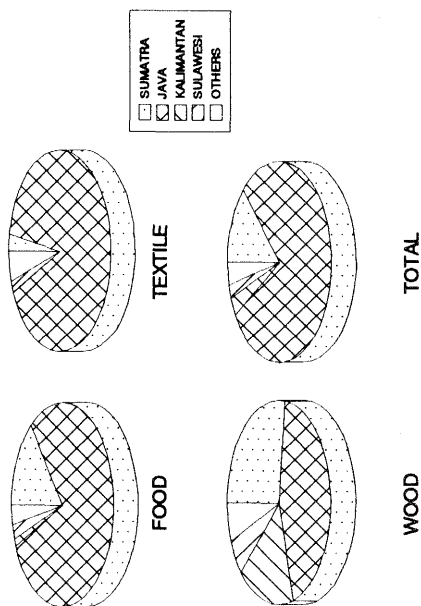


CHART A-12-2
DISTRIBUTION OF ESTABLISHMENT BY SECTOR



This Section shows the number of enterprises (Categorized Large and Medium size) by sector and province which portray the recent economic activity in manufacturing industries.

- Java occupies about 80% of establishments in manufacturing industries, i.e. West Java 3505, East Java 3300, Jakarta 2100.
- Outside Java regions have only 10 to 20 % of establishments.
- North Sumatra and East Kalimantan have counted some meaningful portion of establishments exceptionally (962 and 119 respectively).
- Eastern part of Indonesia, i.e. Sulawesi, Nusa Tenggara, Irian Jaya et al, holds totally negligible role in establishments. Therefore, the sharp contrast between IBB and IBT can be observed.
- Sumatra keeps important role in the food processing industries and wood based industries.

TOTAL NUMBER OF EMPLOYMENTS OF MANUFACTURING INDUSTRIES PER PROVINCE OF LARGE AND MIDUM ESTABLISHMENTS (1989)

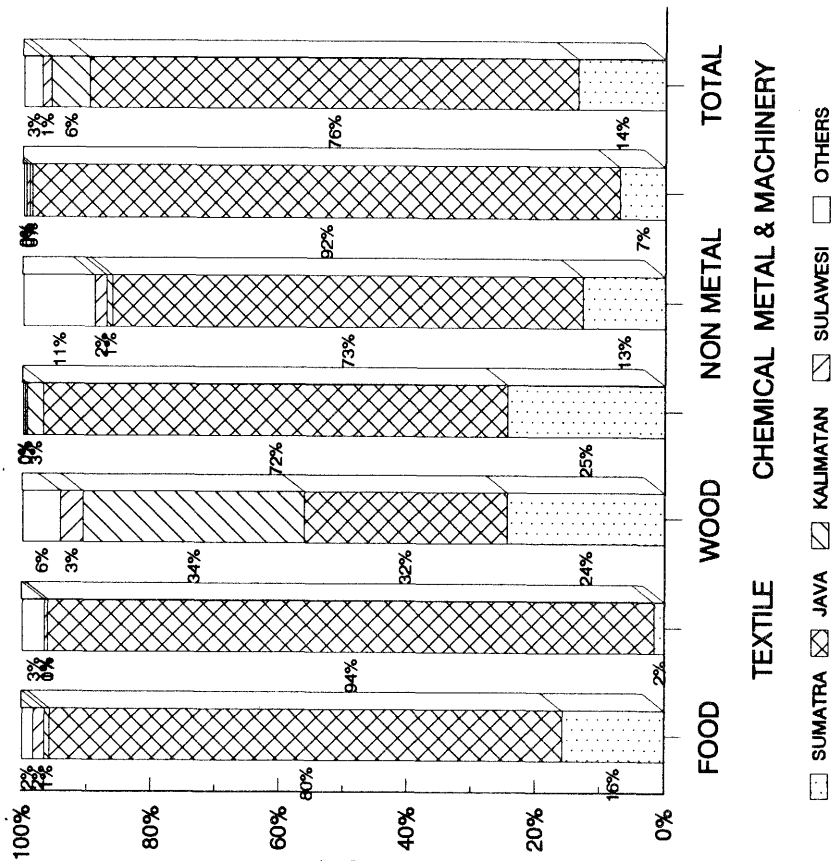
(Unit Person)

Source: Caulculated from BPS's annual survey 1989

EMPLOYMENT OF L & M SIZE MANUFACTURING

CHART A-13-1

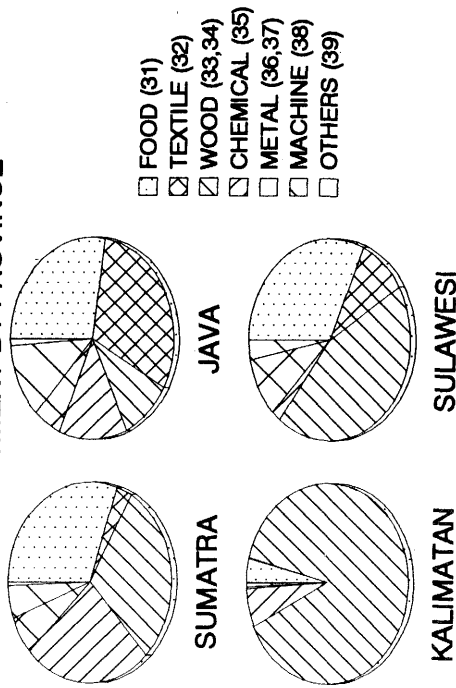
RATE OF EMPLOYMENT BY SECTOR



Source : BPS

CHART A-13-2

RATE OF EMPLOYMENT BY PROVINCE



This Section illustrates the condition of employment engaged in manufacturing sector with cross reference to the province.

-- In the almost all sectors, Java holds absolutely the dominant segment of workers (75%)

-- The workers engaged in food industries, wood industries, chemical industries have dispersed into some parts of Sumatra and Kalimantan area.

-- Kalimantan holds a lot of numbers of workers in the wood based industries.

-- Sumatra holds a fairly large number of workers in food, chemical industries.

-- Total number of workers engaged in the manufacturing are absolutely limited in the Eastern Part of Indonesia, i.e. Sulawesi, Nusa Tenggara, Kalimantan et al.

FOREIGN INVESTMENT

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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FOREIGN INVESTMENT (1967-1990 CUMULATIVE AMOUNT)

CHART A-14-1

REGIONAL DISTRIBUTION OF FOREIGN INVESTMENT

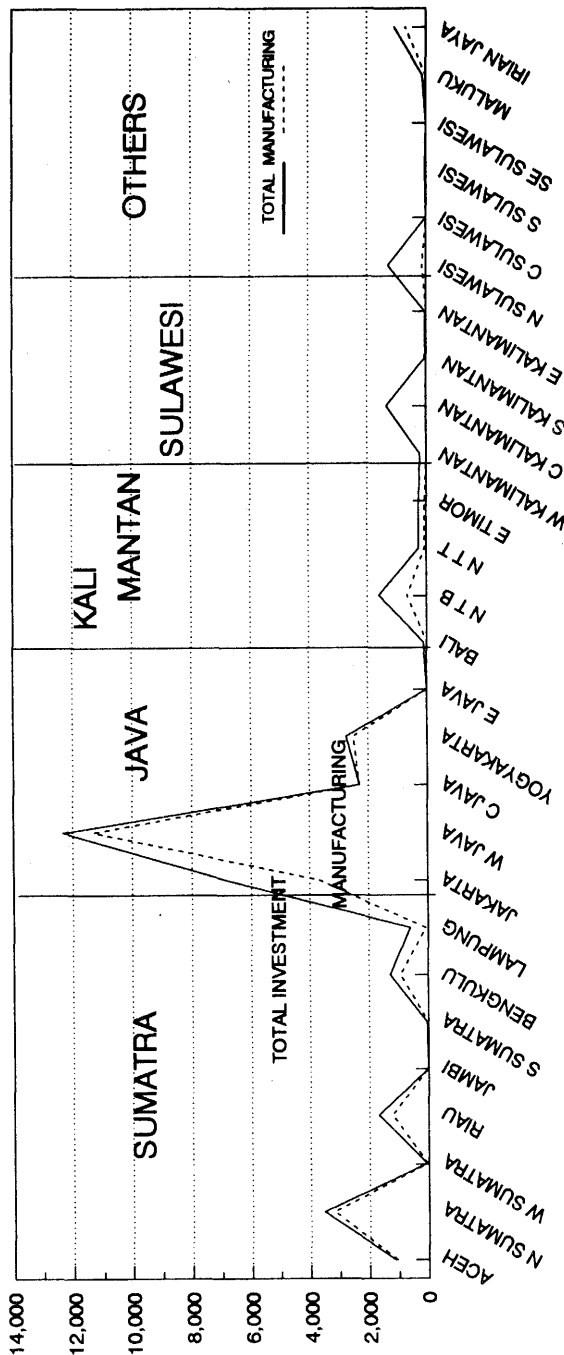


CHART A-14-2

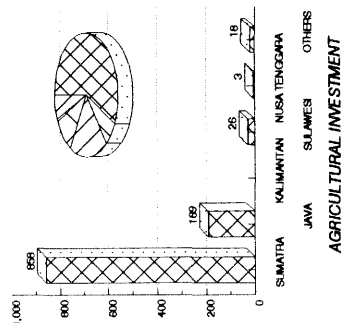
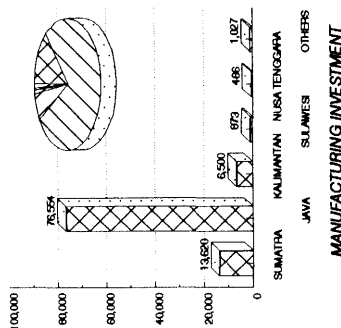


CHART A-14-3



This Section shows how many foreign company have invested in Indonesia by sectors and provinces were which closely related to the allocation of industries to the region.

- Foreign investments are dominantly concentrated in Java (63%), especially manufacturing sector.
- West Java and Jakarta adjacent areas are the most favorite location for investors (31% and 23% of total investment amount)
- Sumatra is the second choice for foreign investors, which have engaged in chemicals, basic mental, agro based industries.
- Kalimantan, Sulawesi and other Eastern Part of Indonesia have not yet succeeded in getting investors, with some exceptions of wood and mining industries in Kalimantan and Irian Jaya.
- A sharp contrast between IBB and IBT in foreign investment could be seen in Chart.

DOMESTIC INVESTMENT

DOMESTIC INVESTMENT BY SECTOR (1968 - 1990 Cumulative)

		(Unit: Billion Rp)																					
		01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22
		FOOD	PLAN	FISH	FORE	RY	MIN	FOOD	TEX	WOOD	PAPER	INDST	INDST	CHE	N.M.	BASIC	METAL	OTHER	MANU-	CONST	HOTEL	TRANS	OTHER
		CROP	TATION	ERY			ING	INDST	ILE	INDST	INDST	INDST	INDST	MICAL	INDST	METAL	GOOD	INDST	FACTURING	RUCTION	PORT.	SERVICE	
		(1)	(2)	(3)	(4)	(5-1)	(5-2)	(5-3)	(5-4)	(5-5)	(5-6)	(5-7)	(5-8)	(5-9)	(5-10)	(5-11)	(5-12)	(5-13)	(5-14)	(5-15)	(5-16)	(5-17)	(5-18)
		121	610	43	60	24	78	0	36	414	0	366	0	0	0	0	0	0	883	0	10	7	15
Aceh		50	1,260	102	59	9	527	21	192	13	0	641	89	241	99	1	1,825	0	185	93	20	3,801	0
North Sumatra		12	479	4	15	71	157	21	36	0	8	75	345	1	0	0	843	0	101	14	1	1,341	0
Riau		239	3,717	22	412	327	250	20	335	4,093	0	507	15	2	65	0	5,287	55	192	7	9	10,403	0
Jambi		0	779	0	145	0	221	0	722	0	0	200	0	0	0	0	1,142	0	26	36	0	2,128	0
Bengkulu		27	285	13	2	20	3	25	40	0	0	4	0	0	0	0	72	0	0	0	0	422	0
South Sumatra		149	1,242	61	16	618	320	18	236	351	6	1,087	89	5	117	35	2,264	6	61	25	1	4,533	0
Lampung		99	695	215	14	51	876	2	74	87	15	354	10	0	77	0	1,494	20	26	25	8	2,871	0
SUMATRA		698	9,087	460	724	1,120	2,431	108	1,670	4,958	28	3,233	548	249	358	36	13,620	81	800	206	54	27,985	0
Jakarta		5	5	77	31	0	406	487	162	250	61	688	264	769	1,683	97	4,846	657	1,723	1,893	1,260	11,872	0
West Java		207	384	548	0	178	1,241	17,027	1,434	2,783	135	18,173	5,081	4,679	2,110	133	52,797	117	613	996	370	58,375	0
Central Java		124	156	231	9	18	495	4,838	596	318	8	1,182	1,819	61	88	1	9,406	0	544	46	172	10,931	0
East Java		32	59	187	0	39	1,487	364	728	1,888	14	1,096	2,113	613	765	27	9,095	3	989	142	225	11,369	0
Yogyakarta		25	7	5	0	2	82	285	3	2	0	24	0	0	34	0	411	0	294	38	22	856	0
JAVA		395	610	1,048	40	237	3,692	23,002	2,922	5,241	219	21,143	9,278	6,122	4,680	257	76,554	777	4,163	3,105	2,049	83,402	0
West Kalimantan		55	2,090	21	360	9	207	0	723	93	0	185	30	0	8	0	1,247	0	31	31	8	3,909	0
East Kalimantan		187	634	30	517	137	146	2	636	2,791	0	913	3	0	5	0	4,494	11	0	88	2	6,120	0
Central Kalimantan		35	119	8	208	28	3	0	101	0	0	0	0	0	2	0	106	0	0	0	0	510	0
South Kalimantan		23	109	40	158	16	168	0	304	7	0	163	8	0	0	4	653	0	48	28	0	1,094	0
KALIMANTAN		300	2,953	99	1,243	190	524	2	1,763	2,891	0	1,261	41	0	14	4	8,500	11	78	148	10	11,635	0
North Sulawesi		218	214	352	37	19	45	13	44	0	0	12	4	1	1	2	121	0	31	16	1	1,093	0
South Sulawesi		11	461	112	39	10	167	14	88	20	0	17	168	12	27	0	513	0	91	211	4	1,458	0
Central Sulawesi		11	608	60	85	3	162	0	33	3	0	1	0	0	1	0	200	0	2	0	0	881	0
Southeast Sulawesi		22	0	143	2	481	29	0	3	0	0	0	0	0	7	0	39	0	0	0	0	687	0
SULAWESI		262	1,264	667	163	513	403	27	168	23	0	31	172	12	36	2	873	2	124	227	12	4,218	0
Bali		8	2	172	0	0	65	18	0	3	1	4	3	0	0	0	93	0	2,688	48	35	3,073	0
West Nusa Tenggara		13	19	72	4	0	0	0	2	0	0	0	0	0	0	0	446	10	0	0	0	572	0
East Nusa Tenggara		21	50	46	0	0	44	1	0	0	0	280	30	0	0	0	356	0	19	0	0	484	0
East Timor		0	0	1	0	0	15	0	0	0	0	0	0	0	0	0	15	0	0	6	1	25	0
NUSA TENGGARA		42	71	292	4	0	124	19	2	3	1	294	33	0	0	0	468	0	3,153	85	36	4,164	0
Maluku		111	668	131	211	2	41	1	293	0	0	49	0	0	7	0	392	0	108	18	0	1,701	0
Irian Jaya		87	199	95	896	0	20	0	532	0	0	84	0	0	0	0	635	0	4	3	0	1,828	0
OTHERS		198	867	226	1,107	2	61	1	825	0	0	133	0	0	7	0	1,027	0	112	21	0	3,829	0
TOTAL INDONESIA		1,894	14,852	2,792	3,281	2,061	7,236	23,158	7,350	13,115	248	26,085	10,071	6,383	5,095	300	99,041	869	8,230	3,774	2,161	144,132	0

Note: * Agricultural Sector* includes Livestock. *Construction Sector* includes "Real Estate" and "Hotel"
Source: BCPM

DOMESTIC INVESTMENT (1968-1990 CUMULATIVE AMOUNT)

CHART A-15-1

REGIONAL DISTRIBUTION OF DOMESTIC INVESTMENT

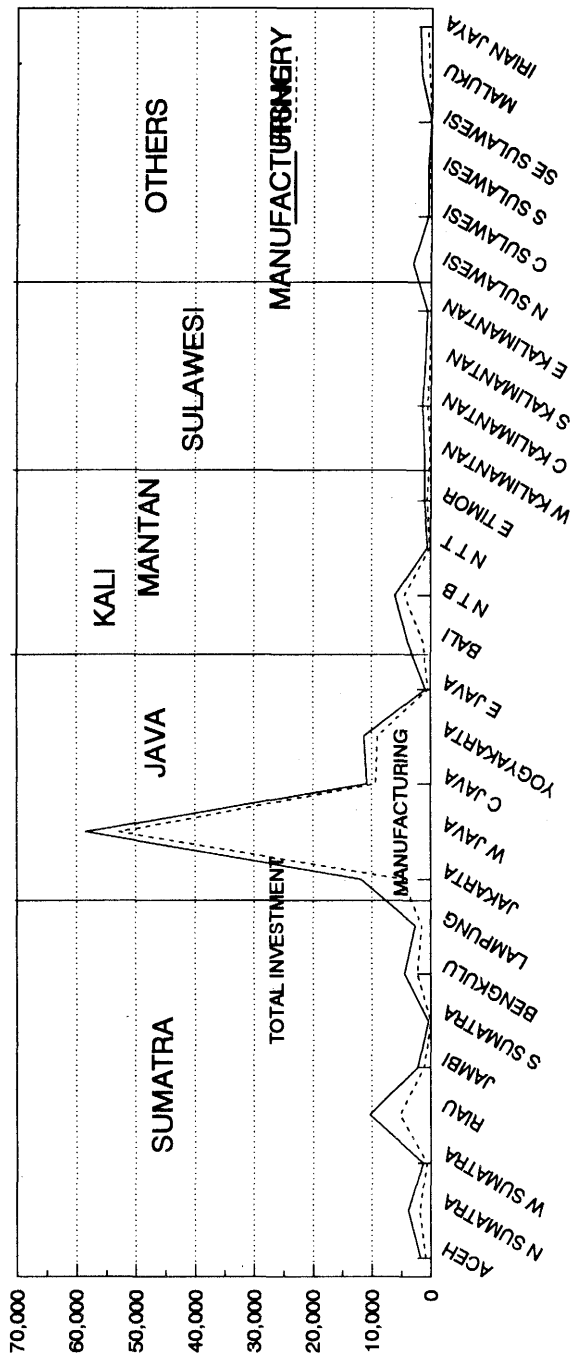
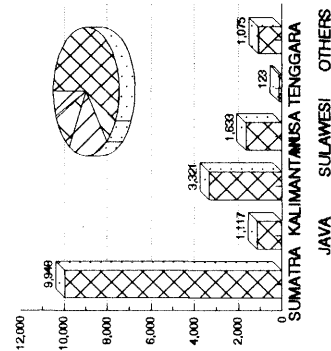
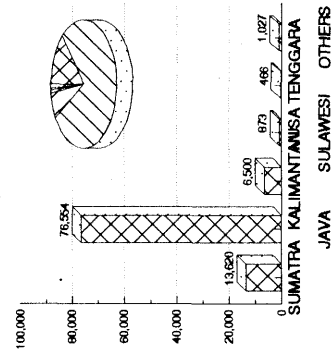


CHART A-15-2



AGRICULTURE

CHART A-15-3



MANUFACTURING

This Section illustrates how many and what kind of domestic companies have invested in the regions which are directly related in building up national industrial basis in Indonesia.

- The allocation of Domestic Investment shapes almost the same pattern with the Foreign Investment one, but has a little bit widely dispersed, i.e. Java 64%, Sumatra 19%, Kalimantan 8%.
- Around half of agricultural investment have concentrated in Sumatra, especially Riau, North Sumatra and South Sumatra.
- Domination of manufacturing industries in Java can be observed very clearly.
- Kalimantan and Sumatra have been favored in wood and paper industries.
- Contrast between investment in IBB and IBT is very sharp.

HUMAN RESOURCES

POPULATION AGED 10 YEARS AND OVER WHO WORKED DURING
THE PREVIOUS WEEK BY PROVINCE AND MAIN INDUSTRIES (1989)

TABLE A-16

PROVINCE	Agriculture (1)	Manufac- turing (2)	Trade (3)	Services (4)	Others (5)	Total (6)
1 Aceh	867 (67.6)	60 (4.7)	122 (9.5)	159 (12.4)	74 (5.8)	1,283 (100.0)
2 North Sumatra	2,513 (62.5)	187 (4.7)	480 (11.4)	625 (15.5)	237 (5.9)	4,023 (100.0)
3 West Sumatra	965 (63.2)	72 (4.7)	179 (11.7)	207 (13.6)	103 (6.8)	1,526 (100.0)
4 Riau	588 (59.3)	57 (5.7)	112 (11.3)	156 (15.7)	80 (8.0)	993 (100.0)
5 Jambi	498 (68.1)	35 (4.7)	84 (11.5)	99 (13.6)	15 (2.1)	732 (100.0)
6 South Sumatra	1,382 (62.9)	121 (5.5)	226 (10.3)	334 (15.2)	135 (6.2)	2,198 (100.0)
7 Bengkulu	433 (84.7)	11 (2.1)	24 (4.6)	27 (5.3)	17 (3.3)	512 (100.0)
8 Lampung	2,208 (74.5)	101 (3.4)	230 (7.8)	332 (11.2)	93 (3.1)	2,964 (100.0)
SUMATRA	9,455 (66.4)	644 (4.5)	1,437 (10.1)	1,940 (13.6)	755 (5.3)	14,230 (100.0)
9 Jakarta	19 (0.8)	464 (18.7)	720 (29.1)	1,035 (41.7)	241 (9.7)	2,479 (100.0)
10 West Java	5,876 (49.2)	1,209 (10.1)	1,999 (16.7)	2,160 (18.1)	704 (5.9)	11,948 (100.0)
11 Central Java	7,065 (50.6)	1,654 (11.9)	2,508 (18.0)	2,059 (14.8)	670 (4.8)	13,956 (100.0)
12 Yogyakarta	734 (47.1)	201 (12.9)	274 (17.6)	273 (17.5)	76 (4.8)	1,557 (100.0)
13 East Java	8,490 (55.4)	1,458 (9.5)	2,504 (16.3)	2,306 (15.0)	570 (3.7)	15,328 (100.0)
JAVA	22,185 (49.0)	4,986 (11.1)	8,005 (17.7)	7,832 (17.3)	2,261 (5.0)	45,268 (100.0)
14 Bali	703 (47.3)	187 (12.6)	271 (18.2)	258 (17.3)	68 (4.6)	1,486 (100.0)
15 West Nusa Tenggara	998 (70.0)	68 (4.8)	161 (11.3)	153 (10.7)	44 (3.1)	1,425 (100.0)
16 East Nusa Tenggara	1,369 (81.5)	78 (4.6)	52 (3.1)	137 (8.1)	44 (2.6)	1,680 (100.0)
17 East Timor	328 (95.1)	1 (0.3)	0 (0.0)	12 (3.5)	4 (1.2)	344 (100.0)
NUSA TENGGARA	3,397 (88.8)	334 (8.8)	484 (12.9)	559 (15.3)	160 (4.2)	4,935 (100.0)
18 West Kalimantan	914 (72.6)	58 (4.6)	61 (4.9)	150 (11.9)	75 (6.0)	1,258 (100.0)
19 Central Kalimantan	336 (60.5)	32 (5.8)	64 (11.6)	74 (13.4)	48 (8.7)	555 (100.0)
20 South Kalimantan	640 (57.7)	118 (10.6)	120 (10.8)	149 (13.4)	83 (7.4)	1,110 (100.0)
21 East Kalimantan	271 (42.7)	42 (6.6)	74 (11.6)	171 (27.0)	77 (12.1)	635 (100.0)
KALIMANTAN	2,162 (60.8)	250 (7.0)	319 (9.0)	544 (15.3)	283 (7.9)	3,558 (100.0)
22 North Sulawesi	661 (63.9)	34 (3.2)	91 (8.8)	176 (17.0)	73 (7.0)	1,035 (100.0)
23 Central Sulawesi	531 (77.8)	20 (2.9)	38 (5.6)	73 (10.7)	20 (3.0)	683 (100.0)
24 South Sulawesi	1,516 (60.5)	194 (7.7)	281 (11.2)	330 (13.2)	183 (7.3)	2,504 (100.0)
25 Southeast Sulawesi	339 (71.7)	14 (3.0)	50 (10.6)	52 (10.9)	18 (3.7)	473 (100.0)
SULAWESI	3,047 (64.9)	261 (5.6)	460 (9.8)	632 (13.5)	294 (6.3)	4,694 (100.0)
26 Maluku	425 (72.0)	12 (2.1)	45 (7.5)	89 (15.1)	19 (3.2)	590 (100.0)
27 Irian Jaya	427 (67.5)	10 (1.6)	27 (4.3)	129 (20.3)	39 (6.2)	632 (100.0)
OTHERS	852 (69.7)	23 (1.9)	72 (5.9)	218 (17.8)	58 (4.7)	1,223 (100.0)
TOTAL	41,097 (55.6)	6,497 (8.8)	10,778 (14.6)	11,725 (15.9)	3,810 (5.2)	73,908 (100.0)

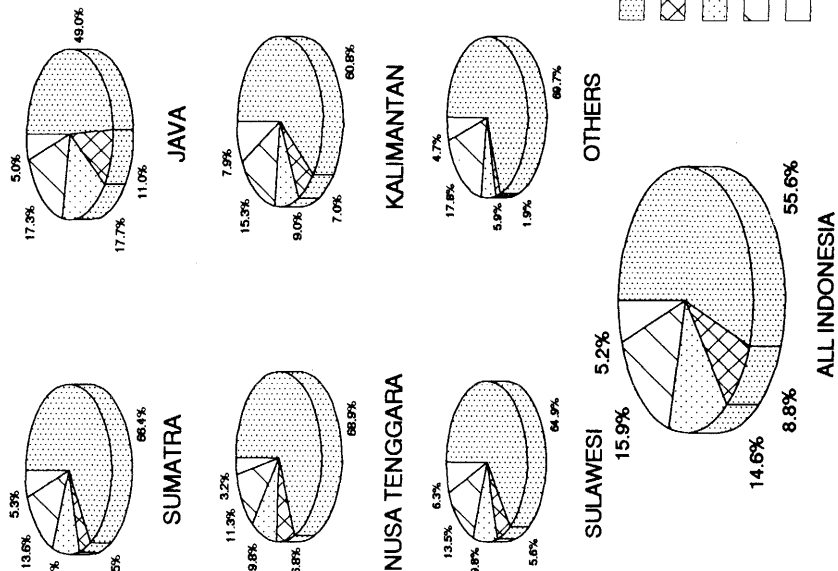
Note : Figure of First Quarter 1988/89

Source : Statistical Yearbook of Indonesia 1991 (BPS)

MANPOWER DISTRIBUTION BY SECTOR

CHART A-16-1

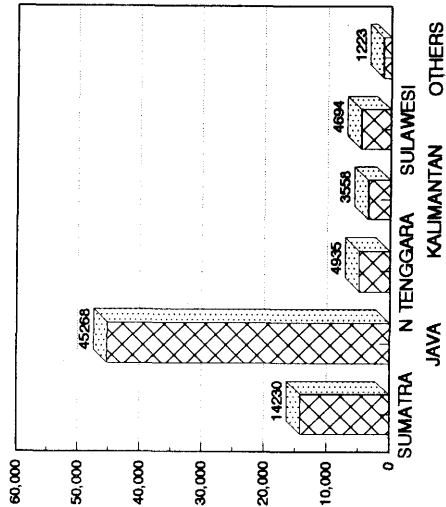
DISTRIBUTION OF MANPOWER BY SECTOR (1989)



This Section shows the general condition of manpower by sector aged over 10 years who are engaged in certain fields of work during previous week classified by BPS.

- Agriculture is still dominant field of work for people with over 50% in average (Java 49%, Sumatra 66%, Nusa Tenggara 69%)
- Java holds comparatively big portion of manpower in manufacturing, but other areas are still limited (Java 11%, Sumatra 4.5%, Kalimantan 7%)
- Trade and Service sectors absorbs fairly big rate of manpower throughout regions.

CHAR A-16-2
MANPOWER IN MAJOR INDUSTRIES (1989)



AGRICULTURAL PRODUCTION (1) **PRODUCTION AND HARVESTED AREAS OF MAJOR FOOD COMMODITIES BY PROVINCES**

TABLE A-17

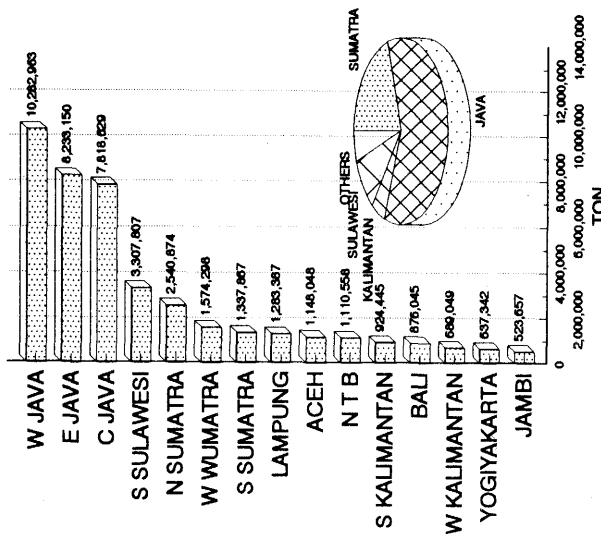
PROVINCE	RICE PADDY			MAIZE			CASSAVA			SOYBEAN			ORANGE			PINEAPPLE			BANANA		
	Harvested Area			Production			Production			Production			Production			Production			Production		
	1986	1989	1986	1989	1986	1989	1986	1989	1986	1989	1986	1989	1986	1989	1986	1989	1986	1989	1986	1989	1986
	(1000Ha)		(1000Ton)		(1000Ha)		(1000Ton)		(1000Ton)		(1000Ton)		(1000Ton)		(1000Ton)		(1000Ton)		(1000Ton)		(1000Ton)
1 Aceh	289	300	1,039	1,148	18	23	96	85	91	118	9	9	1	1	45						
2 North Sumatra	582	669	2,068	2,541	109	199	247	458	20	25	19	113	76								
3 West Sumatra	347	355	1,422	1,574	19	28	83	142	15	12	7	1	28								
4 Riau	148	138	366	388	21	17	69	111	10	4	13	30	60								
5 Jambi	172	183	466	524	6	10	117	256	9	5	4	12	26								
6 South Sumatra	420	443	1,227	1,338	19	43	228	431	13	14	11	52	53								
7 Bengkulu	84	88	262	270	15	16	52	63	4	2	1	0	6								
8 Lampung	315	359	1,045	1,283	391	454	787	2,073	140	100	0	1	54								
SUMATRA	** 2,357	2,535	7,896	9,066	598	791	1,680	3,619	303	280	64	210	347								
9 Jakarta	10	8	41	39	0	0	2	1	0	0	0	0	9								
10 West Java	2,082	2,129	9,089	10,283	232	265	1,834	2,203	84	71	71	35	507								
11 Central Java	1,505	1,557	7,027	7,819	1,332	1,257	3,069	3,530	179	199	36	3	369								
12 Yogyakarta	141	142	606	637	89	115	577	714	60	65	7	0	39								
13 East Java	1,593	1,613	7,695	8,233	2,422	2,498	3,476	3,989	392	459	132	81	405								
JAVA	** 5,331	5,449	24,458	27,011	4,075	4,135	8,958	10,437	715	795	245	119	1,329								
14 Bali	167	175	776	876	82	104	203	228	23	26	8	1	152								
15 West Nusa Tenggara	247	268	933	1,111	41	48	119	172	91	128	6	2	57								
16 East Nusa Tenggara	118	125	269	310	279	377	778	973	1	2	5	8	40								
17 East Timor	0	16	0	40	54	59	28	33	0	0	0	0	0								
NUSATENGGA	** 531	583	1,978	2,337	457	588	1,127	1,406	115	155	18	10	249								
18 West Kalimantan	294	302	622	689	14	14	338	226	4	3	77	2	14								
19 Central Kalimantan	122	140	230	267	7	9	87	90	1	3	1	1	5								
20 South Kalimantan	333	336	870	924	8	12	63	103	5	3	9	0	21								
21 East Kalimantan	83	102	167	215	10	8	73	88	4	4	1	7	20								
KALIMANTAN	** 832	880	1,889	2,096	38	43	561	507	14	13	88	10	60								
22 North Sulawesi	87	81	328	315	159	155	100	88	22	24	1	1	21								
23 Central Sulawesi	107	130	295	385	18	25	95	105	4	6	2	1	26								
24 South Sulawesi	686	787	2,743	3,308	487	371	434	576	35	26	16	4	248								
25 Southeast Sulawesi	48	52	120	154	75	67	224	217	13	5	0	1	10								
SULAWESI	** 927	1,050	3,486	4,162	739	618	853	985	74	62	19	7	305								
26 Maluku	7	10	13	19	8	13	112	135	1	1	10	2	15								
27 Irian Jaya	3	14	6	34	4	4	22	28	5	8	0	0	4								
OTHERS	** 10	24	19	54	12	17	134	163	6	9	10	2	19								
TOTAL	** 9,988	10,521	39,727	44,726	5,920	6,193	13,312	17,117	1,227	1,315	445	358	2,308								

Source: Statistical yearbook of Indonesia 1990 (BPS)

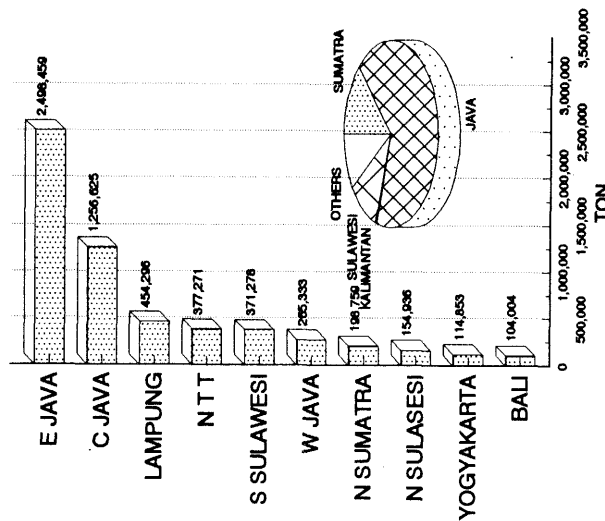
PRODUCTION OF MAJOR FOOD CROPS (1989)

CHART A-17

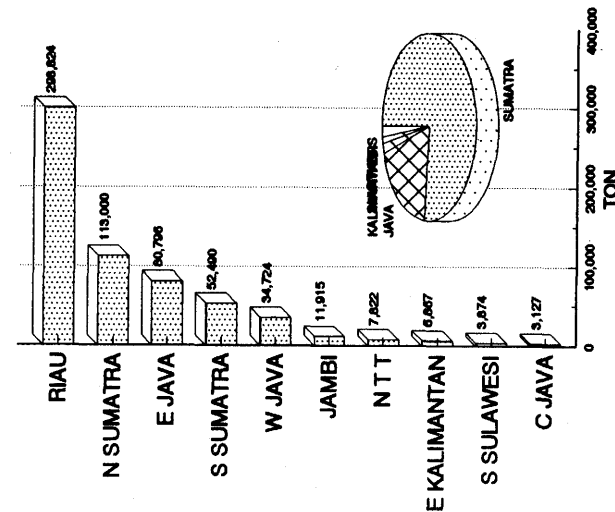
RICE PADDY



MAIZE



PINEAPPLE



This Section displays the production of selected basic food crops and some other commercial fruit products by province (Rice, Maize, Cassava, Soybeans, Orange, Pineapple, Banana)

- Kalimantan and Nusa Tenggara and other regions have not yet produced enough rice to self-sufficient level.
- Secondary food crops like maize and cassava are also dominantly produced in Java, but Lampung, NTT, South Sumatra et al take important positions in their production.
- Some commercial fruits, like pineapple and banana, are mainly supplied by Sumatra region (Riau and North Sumatra et al) as a commercial basis.

- Java is a dominant supplier of rice (61%) with 10 millions of harvested area, followed by Sumatra (21%)
- West Java, East Java, Central Java are major granaries in Indonesia which occupies 1 to 3rd ranks.

AGRICULTURAL PRODUCTION (2) PRODUCTIONS AND PLANTED AREAS OF MAJOR COMMERCIAL CROPS BY PROVINCES (1)

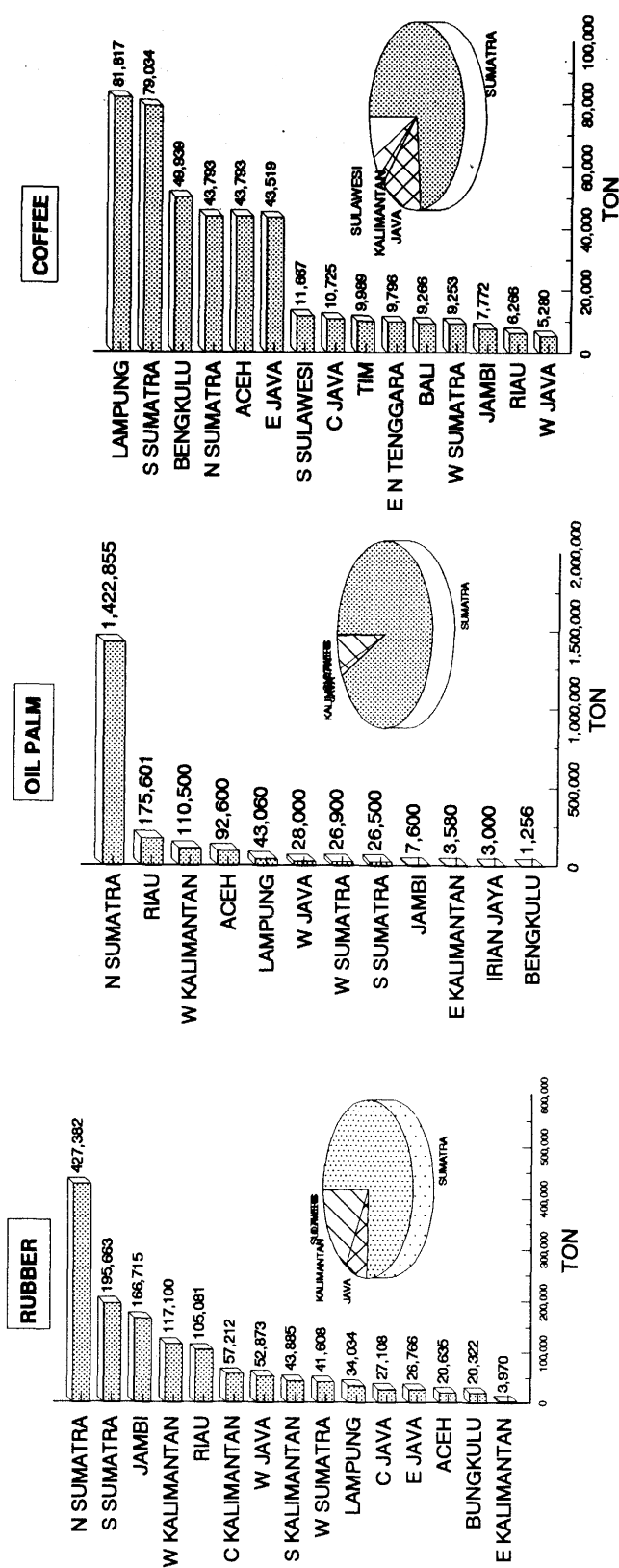
TABLE A-18

	RUBBER				COPRA				OIL PALM				COFFEE			
	Harvested Area 1984 (1000Ha)	Production 1984 (1000Ton)	Harvested Area 1989 (1000Ha)	Production 1989 (1000Ton)	Harvested Area 1984 (1000Ha)	Production 1984 (1000Ton)	Harvested Area 1989 (1000Ha)	Production 1989 (1000Ton)	Harvested Area 1984 (1000Ha)	Production 1984 (1000Ton)	Harvested Area 1989 (1000Ha)	Production 1989 (1000Ton)	Harvested Area 1984 (1000Ha)	Production 1984 (1000Ton)	Harvested Area 1989 (1000Ha)	Production 1989 (1000Ton)
1 Aceh	50.0	76.0	17.7	20.6	95.7	99.9	67.2	70.4	32.7	46.9	38.7	49.8	59.4	60.0	22.6	43.8
2 North Sumatra	522.0	590.5	306.0	427.4	126.6	153.8	71.1	95.9	397.1	438.2	1,000.8	1,422.9	46.0	86.8	20.9	43.8
3 West Sumatra	62.0	80.3	31.0	41.6	73.4	83.6	54.3	69.8	4.6	21.6	1.4	26.9	20.3	21.4	7.5	9.3
4 Riau	315.3	368.1	86.4	105.1	279.2	320.6	127.3	210.5	39.8	239.6	12.4	175.6	9.4	11.1	2.2	6.3
5 Jambi	395.6	464.3	101.8	166.7	103.4	108.1	66.0	101.4	0.5	34.5	0.0	7.6	29.3	30.4	3.6	7.8
6 South Sumatra	522.6	559.7	167.4	195.7	53.7	58.7	14.6	17.5	6.8	37.1	11.4	26.5	206.7	239.0	79.5	78.0
7 Bengkulu	32.3	66.0	15.4	20.3	17.3	21.9	11.4	12.0	0.0	27.3	0.0	1.3	63.3	91.9	26.5	49.9
8 Lampung	44.0	35.1	26.6	34.0	115.0	182.0	50.7	108.1	17.6	10.9	32.1	43.1	108.7	108.6	67.6	81.8
SUMATRA	1,943.8	2,239.9	752.3	1,011.4	664.3	1,009.4	482.7	665.5	489.0	858.2	1,148.7	1,796.4	543.2	829.2	230.8	321.7
9 Jakarta	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10 West Java	109.2	104.9	47.3	52.9	268.1	296.8	112.1	155.6	8.1	16.3	0.1	28.0	21.1	22.7	4.2	5.3
11 Central Java	33.3	32.2	24.5	27.1	279.5	288.7	131.5	174.4	0.0	0.0	0.0	0.0	31.6	35.2	9.2	10.7
12 Yogyakarta	0.1	0.0	0.0	0.0	50.4	52.8	31.1	39.8	0.0	0.0	0.0	0.0	0.8	1.5	0.2	0.5
13 East Java	27.1	30.3	24.8	26.8	279.3	270.4	124.3	196.5	0.0	0.0	0.0	0.0	80.5	88.3	34.8	43.5
JAVA	168.6	167.4	96.6	106.7	877.3	908.7	388.0	566.3	8.1	16.3	0.1	28.0	134.0	147.8	48.4	60.0
14 Bali	0.2	0.2	0.1	0.1	80.9	74.3	60.3	63.3	0.0	0.0	0.0	0.0	33.4	32.0	7.5	9.3
15 West Nusa Tenggara	0.0	0.0	0.0	0.0	56.1	62.8	26.7	39.8	0.0	0.0	0.0	0.0	6.0	5.9	0.8	2.0
16 East Nusa Tenggara	0.0	0.0	0.0	0.0	115.0	144.5	31.1	49.8	0.0	0.0	0.0	0.0	32.2	38.3	6.0	9.8
17 East Timor	0.3	0.3	0.0	0.0	48.0	48.7	8.1	9.5	0.0	0.0	0.0	0.0	58.7	57.0	6.6	10.0
NUSATENGGA	0.6	0.5	0.1	0.1	300.0	330.2	126.2	162.4	0.0	0.0	0.0	0.0	130.3	133.2	20.9	31.0
18 West Kalimantan	357.0	398.8	101.1	117.1	90.4	76.1	45.7	52.0	13.0	68.9	0.4	110.5	5.4	8.6	1.2	2.6
19 Central Kalimantan	133.0	145.2	48.8	57.2	36.5	42.6	13.9	16.6	0.1	0.1	0.0	0.0	4.5	7.6	0.4	0.8
20 South Kalimantan	91.7	126.2	30.4	43.9	46.5	56.5	31.0	42.7	0.0	0.0	0.0	0.0	5.8	8.3	1.2	1.9
21 East Kalimantan	10.0	19.4	1.4	4.0	32.4	42.1	10.2	15.1	0.0	19.0	0.0	3.6	5.1	8.2	0.8	1.9
KALIMANTAN	591.7	689.7	181.8	222.2	205.9	217.4	100.9	126.4	13.1	88.0	0.4	114.1	20.8	32.8	3.6	7.2
22 North Sulawesi	0.0	0.0	0.0	0.0	251.5	279.9	184.7	279.4	0.0	0.0	0.0	0.0	4.7	4.1	1.2	2.2
23 Central Sulawesi	0.0	0.0	0.0	0.0	160.5	164.0	197.8	162.7	0.0	0.0	0.0	0.0	5.1	12.1	0.7	2.3
24 South Sulawesi	4.0	7.9	1.5	2.2	138.6	143.9	98.2	109.9	1.2	10.7	0.0	0.5	43.5	46.6	9.0	11.7
25 Southeast Sulawesi	0.0	0.0	0.0	0.0	42.5	48.5	26.0	33.9	0.0	0.0	0.0	0.0	9.4	0.0	0.7	0.0
SULAWESI	4.0	7.9	1.5	2.2	593.2	636.2	508.7	585.9	1.2	10.7	0.0	0.5	62.8	62.8	11.6	16.1
26 Maluku	0.0	3.0	0.0	0.0	149.3	190.7	145.6	190.8	0.0	0.0	0.0	0.0	2.8	4.8	0.3	0.7
27 Irian Jaya	1.6	2.4	0.3	0.5	21.6	24.4	9.5	10.5	0.3	9.5	0.0	3.0	0.7	1.0	0.1	0.1
OTHERS	1.6	5.4	0.3	0.5	170.9	215.0	155.1	201.3	0.3	9.5	0.0	3.0	3.5	5.8	0.4	0.8
TOTAL	2,711.2	3,110.8	1,032.6	1,343.2	3,011.5	3,317.0	1,750.5	2,327.8	511.7	980.7	1,147.2	1,942.0	894.2	1,011.5	315.5	436.9

Source: Ministry of Agriculture

PRODUCTION OF MAJOR PRIME COMMODITY

CHART A-18



This Section shows the production ranks of major commercial estate commodities, such as rubber, Oil Palm and coffee, which keeps one of the strategic fields of exports.

- Rubber production is dominated by Sumatra region (70%), especially North Sumatra, South Sumatra and Jambi.
- Java, Sulawesi and a part of Kalimantan areas are minor but still un-negligible suppliers of raw rubber (10%).
- Oil Palm has been exclusively dominated by North Sumatra (90%) followed by Riau with a small share (9%).
- Sumatra regions, especially Lampung, South Sumatra, Bengkulu, are one of the major suppliers of coffee (61%).
- East Java, South Sulawesi and East Timor are ranked at 6 to 10 position in coffee production.

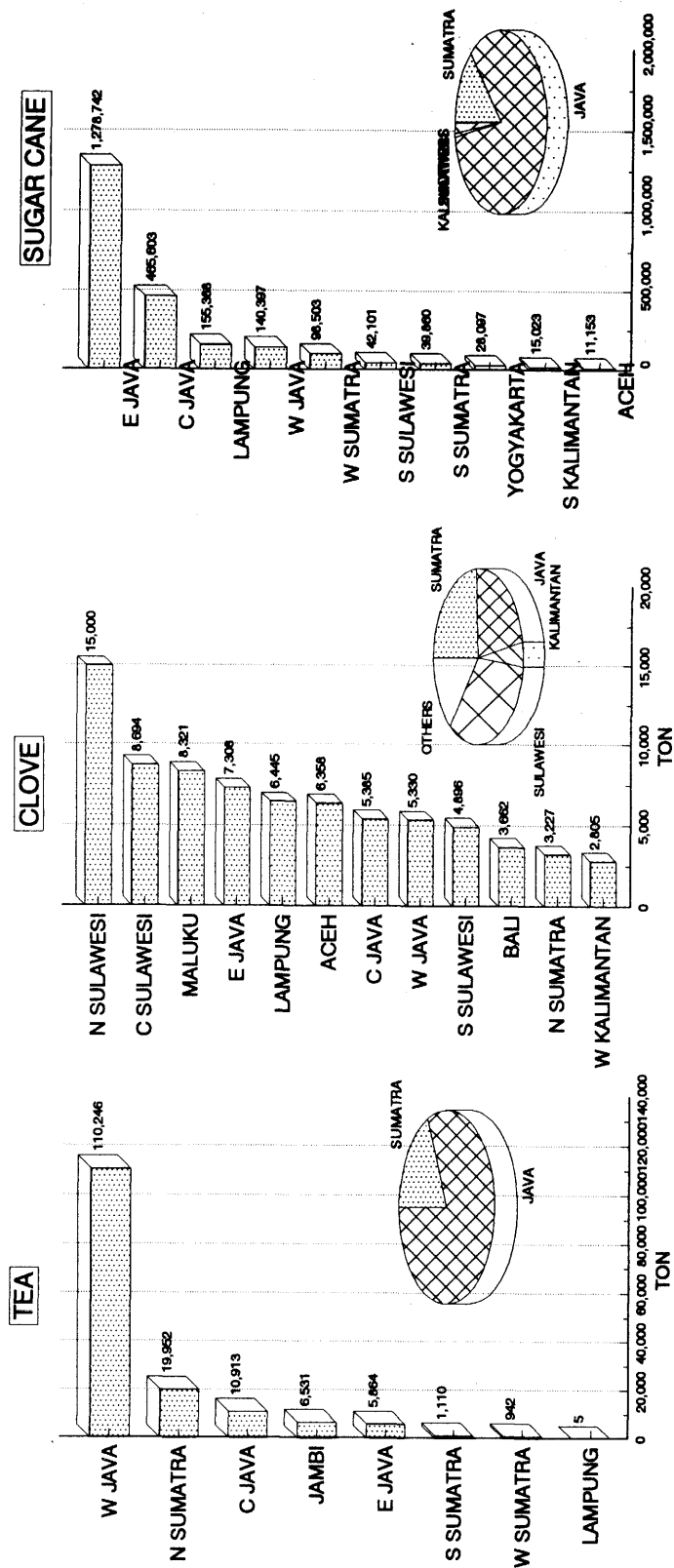
AGRICULTURAL PRODUCTION (3)

	TEA			CLOVE			PEPPER			SUGAR CANE						
	Planted Area	Production		Planted Area	Production		Planted Area	Production		Planted Area	Production					
	1984	1989	(1000Ha)	1984	1989	(1000Ton)	1984	1989	(1000Ha)	1984	1989	(1000Ton)				
1 Aceh	0.0	0.0	0.0	35.0	45.4	5.1	6.4	0.2	0.4	0.0	0.0	5.5	4.7	21.9	11.2	
2 North Sumatra	10.4	15.5	19.8	20.0	17.0	27.5	1.3	3.2	0.1	0.1	0.0	0.0	18.8	1.1	59.8	0.7
3 West Sumatra	0.7	1.2	0.2	0.9	15.8	15.5	1.2	0.8	0.5	0.5	0.8	0.1	9.5	25.9	23.6	98.5
4 Riau	0.0	0.0	0.0	0.0	13.9	14.7	0.8	1.8	0.1	0.1	0.0	0.0	0.0	0.5	0.0	0.3
5 Jambi	2.3	2.4	4.3	6.5	8.3	8.0	0.1	0.1	0.0	0.1	0.0	0.0	1.1	0.6	0.5	0.3
6 South Sumatra	0.7	1.0	1.2	1.1	14.2	13.5	0.2	0.2	24.8	49.1	23.5	19.9	13.4	12.4	8.5	39.9
7 Bengkulu	0.0	0.0	0.0	0.0	26.1	28.4	1.7	1.9	1.8	2.5	0.2	0.5	0.9	0.5	0.4	0.3
8 Lampung	0.0	0.0	0.0	0.0	64.9	64.5	3.8	6.4	41.6	40.7	26.5	21.9	15.3	20.8	64.8	155.4
SUMATRA	14.1	20.2	25.5	28.5	217.5	14.1	20.9	69.1	93.4	51.1	42.5	64.6	66.6	178.5	306.5	
9 Jakarta	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10 West Java	90.0	100.0	88.1	110.2	70.5	74.1	6.6	5.3	0.7	0.6	0.3	0.2	43.1	26.2	166.0	140.4
11 Central Java	10.4	12.2	7.5	10.9	86.5	111.6	4.3	5.4	0.1	0.1	0.0	0.0	65.9	63.5	411.8	465.6
12 Yogyakarta	0.0	0.0	0.0	0.0	3.3	6.9	0.6	1.8	0.0	0.0	0.0	0.0	6.9	4.9	30.1	28.1
13 East Java	3.6	4.2	5.4	5.9	47.2	60.2	4.8	7.3	0.1	0.1	0.1	0.1	151.5	171.0	997.6	1,278.7
JAVA	103.9	116.3	100.9	127.0	207.6	252.8	16.3	19.8	0.9	0.8	0.4	0.2	267.4	265.6	1,605.5	1,912.8
14 Bali	0.0	0.0	0.0	0.0	17.9	32.5	0.8	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15 West Nusa Tenggara	0.0	0.0	0.0	0.0	1.4	1.6	0.0	0.1	0.0	0.0	0.0	0.0	0.6	1.2	0.4	0.9
16 East Nusa Tenggara	0.0	0.0	0.0	0.0	3.6	5.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17 East Timor	0.0	0.0	0.0	0.0	0.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
NUSATENGARA	0.0	0.0	0.0	0.0	23.7	40.7	0.8	3.9	0.0	0.1	0.0	0.0	0.6	1.3	0.4	1.0
18 West Kalimantan	0.0	0.0	0.0	0.0	2.8	9.9	0.1	2.8	1.6	5.0	3.0	0.6	0.6	0.8	0.2	1.6
19 Central Kalimantan	0.0	0.0	0.0	0.0	3.4	4.8	0.0	0.0	0.4	0.8	0.0	0.0	0.3	0.0	0.0	0.0
20 South Kalimantan	0.0	0.0	0.0	0.0	9.4	13.4	0.4	0.8	1.5	2.2	0.7	0.5	4.4	6.0	0.1	15.0
21 East Kalimantan	0.0	0.0	0.0	0.0	2.8	4.7	0.1	0.4	4.9	7.6	3.0	1.9	0.0	0.0	0.0	0.0
KALIMANTAN	0.0	0.0	0.0	0.0	18.3	32.7	0.5	4.0	8.3	15.5	6.6	3.0	1.3	6.8	0.3	16.7
22 North Sulawesi	0.0	0.0	0.0	0.0	36.4	43.8	8.2	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23 Central Sulawesi	0.0	0.0	0.0	0.0	42.4	60.4	2.3	8.7	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
24 South Sulawesi	0.1	0.1	0.0	0.0	50.6	53.7	1.1	4.9	2.0	2.6	0.4	0.3	8.1	15.5	24.7	42.1
25 Southeast Sulawesi	0.0	0.0	0.0	0.0	4.5	6.9	0.1	0.7	0.5	2.3	0.4	0.0	0.0	0.0	0.0	0.0
SULAWESI	0.1	0.1	0.0	0.0	134.0	164.8	11.7	29.3	2.5	5.0	0.8	0.3	8.1	15.5	24.7	42.1
26 Maluku	0.0	0.0	0.0	0.0	25.4	49.0	5.3	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27 Irian Jaya	0.0	0.0	0.0	0.0	4.1	4.8	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHERS	0.0	0.0	0.0	0.0	29.5	53.7	5.4	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	118.0	136.6	126.4	155.6	608.3	762.2	48.9	86.5	81.0	114.8	58.9	46.1	342.0	355.7	1,810.4	2,279.1

Source: Ministry of Agriculture

PRODUCTION OF SELECTED AGRICULTURAL PRODUCTS

CHART A-19



This Section depicts the situation of selected commercial crops by provinces, such as tea, pepper, clove and sugar cane.

- Java is exclusive dominant producer of tea, especially West Java (85%)
- Sulawesi is one of the major suppliers of cloves (33%), followed by Sumatra (24%) and Java (22%).
- Peppers have been dominated by Sumatra (90%)
- Sugar cane's main producers are East Java (48%) and Central Java (18%) followed by Lampung (6%)

FISHERY PRODUCTION BY PROVINCE AND SUB SECTORS (1988)

(Unit Ton)

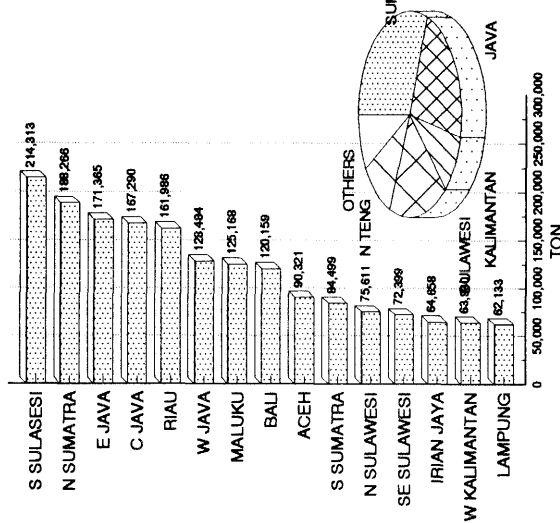
PROVINCE	MARINE FISHERY	INLAND FISHERY	Open Water	Brackish Water Pond	Fresh Water Pond	Cage	Paddy Field	TOTAL
1 Aceh	90,321	26,226	794	23,739	956	0	737	116,547
2 North Sumatra	188,266	14,803	5,714	3,008	3,011	195	2,875	203,069
3 West Sumatra	44,772	14,826	4,725	0	8,412	0	1,689	59,598
4 Riau	161,986	12,624	12,047	94	483	0	0	174,610
5 Jambi	16,317	4,606	4,124	5	439	26	12	20,923
6 South Sumatra	84,499	42,606	39,086	314	2,361	30	815	127,105
7 Bengkulu	9,429	2,443	900	26	526	27	964	11,872
8 Lampung	62,133	16,574	9,498	3,926	2,827	0	323	78,707
SUMATRA	657,723	134,708	76,888	31,112	19,015	278	7,415	792,431
9 Jakarta	33,735	2,133	0	1,359	687	0	87	35,868
10 West Java	128,484	159,883	3,779	47,899	67,652	3,027	37,526	288,367
11 Central Java	167,290	49,532	6,655	34,976	6,601	17	1,283	216,822
12 Yogyakarta	692	2,057	954	0	663	2	438	2,749
13 East Java	171,365	106,051	12,455	52,142	3,714	18	37,722	277,416
JAVA	501,566	319,656	23,843	136,376	79,317	3,064	77,056	821,222
14 Bali	120,159	2,958	638	1,403	320	0	597	123,117
15 West Nusa Tenggara	46,899	6,899	1,271	4,057	705	0	866	53,798
16 East Nusa Tenggara	49,230	538	289	109	106	0	34	49,768
17 East Timor	638	37	10	0	27	0	0	675
NUSATENGGA	216,926	10,432	2,208	5,569	1,158	0	1,497	227,358
18 West Kalimantan	63,930	19,997	19,368	56	524	49	0	83,927
19 Central Kalimantan	39,457	43,294	43,294	0	0	0	0	82,751
20 South Kalimantan	48,207	58,090	57,169	666	162	91	2	106,297
21 East Kalimantan	52,212	25,907	24,197	1,551	115	44	0	78,119
KALIMANTAN	203,806	147,288	144,028	2,273	801	184	2	351,094
22 North Sulawesi	75,611	7,066	3,006	63	1,914	99	1,984	82,677
23 Central Sulawesi	37,387	2,178	1,206	696	267	0	9	39,565
24 South Sulawesi	214,313	81,795	26,123	53,731	651	0	1,290	296,108
25 Southeast Sulawesi	72,399	5,878	2,020	3,371	487	0	0	78,277
SULAWESI	399,710	96,917	32,355	57,861	3,319	99	3,283	496,627
26 Maluku	125,168	816	750	11	55	0	0	125,984
27 Irian Jaya	64,658	1,795	1,192	81	522	0	0	66,453
OTHERS	189,826	2,611	1,942	92	577	0	0	192,437
TOTAL	2,169,557	711,612	281,264	233,283	104,187	3,625	89,253	2,881,169

Source: Statistical yearbca

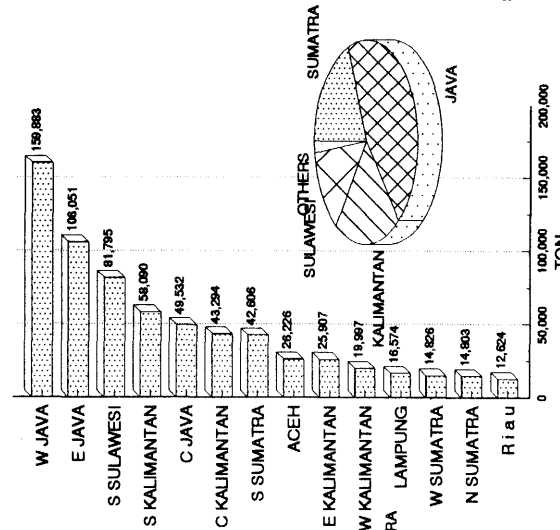
PRODUCTION OF FISHERY

CHART A-20

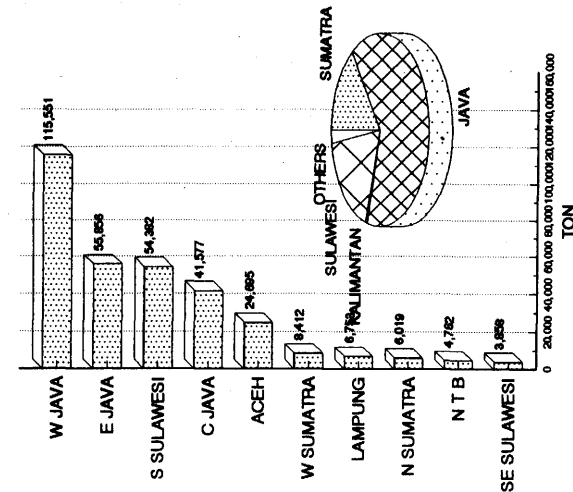
MARINE FISHERY



INLAND FISHERY



WATER POND FISHERY



This Section covers the fishery production by province which seems to be hold huge potentials for the various local regions in Indonesia including Eastern Part of Indonesia.

-- Sumatra and Java are still holding the key position of major suppliers, but Sulawesi shares relatively big 18% and Nusa Tenggara and Kalimantan hold 10%, 9% respectively.

-- Inland fishery and Water pond fishery are very important as well as marine based fishery, which are mainly conducted in Java (Especially West Java and Central Java). But in Sulawesi and Kalimantan also contribute a fair share to the production (20% and 19% respectively)

-- Water pond fishery and other means of fishery are also dominated by Java in scale (63%), but Kalimantan and Sumatra have shares about 15% production. Therefore, it could be said that the even distant local areas like Eastern Part of Indonesia are capable to develop these industries if the market is made conducive.

LAND TRANSPORTATION

SITUATION OF LAND TRANSPORTATION by PROVINCE (1989)

TABLE A-21

	LENGTH OF ROADS *)			ROAD CONDITION AND LAND TRANSPORTATION						PASSENGERS	
	STATE	PROVINCE	REGENCY CITY	TOTAL	per Km2	GOOD	MODERATE	DAMAGED	BADDLY DAMAGED	IN CITY (Mil.)	OUT OF BAGGAGE CITY (1000Ton)
1 A c e h	492	2,068	7,269	9,829	0.177	2,862 (29.1)	3,566 (36.3)	1,964 (20.0)	1,437 (14.6)	0	1,912
2 North Sumatra	846	2,611	18,844	22,301	0.315	5,286 (23.7)	7,270 (32.6)	4,817 (21.6)	4,928 (22.1)	104	29
3 West Sumatra	802	1,131	7,981	9,914	0.199	3,817 (38.5)	2,697 (27.2)	1,996 (20.1)	1,404 (14.2)	18,184	3,725
4 R i a u	103	2,545	7,131	9,779	0.103	3,533 (36.1)	2,183 (22.3)	2,941 (30.1)	1,122 (11.5)	0	4,480
5 J a m b i	398	1,399	3,547	5,344	0.119	1,240 (23.2)	1,733 (32.4)	1,095 (20.5)	1,276 (23.9)	30,449	28,966
6 South Sumatra	631	2,758	6,421	9,810	0.095	4,089 (41.7)	3,267 (33.3)	1,809 (18.4)	645 (6.6)	14,800	360
7 Bengkulu	277	1,099	2,559	3,935	0.186	1,361 (34.6)	1,735 (44.1)	314 (8.0)	525 (13.3)	0	1,785
8 Lampung	344	1,614	4,439	6,397	0.192	2,008 (31.4)	2,667 (41.7)	1,624 (25.4)	98 (1.5)	13,207	4,149
SUMATRA **	3,893	15,225	58,191	77,309	0.163	24,196 (31.3)	25,118 (32.5)	16,560 (21.4)	11,435 (14.8)	78,744	21,105
9 Jakarta **)										245	19,074
10 West Java	677	1,987	14,482	17,146	0.370	6,288 (36.7)	6,199 (36.2)	2,999 (17.5)	1,660 (9.7)	503,814	199,465
11 Central Java	453	1,925	15,546	17,924	0.524	8,422 (47.0)	5,197 (29.0)	2,785 (15.5)	1,520 (8.5)	36,782	0
12 Yogyakarta	32	342	5,834	6,208	1.959	1,248 (20.1)	1,334 (21.5)	3,588 (57.8)	38 (0.6)	4,959	11,954
13 East Java	1,053	2,476	21,149	24,678	0.515	9,500 (38.5)	9,230 (37.4)	3,685 (14.9)	2,263 (9.2)	0	294
JAVA **	2,215	6,730	57,011	65,956	0.499	25,458 (38.6)	21,960 (33.3)	13,057 (12.8)	5,481 (8.3)	545,800	230,787
14 B a l i	430	338	5,339	6,107	1.098	1,762 (28.9)	1,454 (23.8)	780 (12.8)	2,111 (34.6)	26,755	10,710
15 West Nusa Tenggara	486	429	3,203	4,118	0.204	1,848 (44.9)	865 (21.0)	854 (20.7)	551 (13.4)	12,830	61,387
16 East Nusa Tenggara	1,116	1,781	10,660	13,557	0.283	2,838 (20.9)	3,698 (27.3)	4,551 (33.6)	2,470 (18.2)	38,465	6,682
17 East Timor	661	984		1,645	0.111	322 (19.6)	565 (34.3)	758 (46.1)	(0.0)	0	0
NUSATENGGA **	2,693	3,532	18,202	25,427	0.287	6,770 (26.6)	6,582 (25.9)	6,943 (27.3)	5,132 (20.2)	78,050	78,778
18 West Kalimantan	505	1,711	4,797	7,013	0.048	1,525 (21.7)	3,227 (46.0)	859 (12.2)	1,402 (20.0)	9,916	0
19 Central Kalimantan	142	914	6,802	7,858	0.051	2,879 (36.6)	2,586 (32.9)	1,179 (15.0)	1,214 (15.4)	5,321	106
20 South Kalimantan	298	991	4,065	5,354	0.142	1,560 (29.1)	1,879 (35.1)	1,194 (22.3)	721 (13.5)	12,781	6,401
21 East Kalimantan	386	1,082	2,597	4,065	0.020	1,148 (28.2)	1,375 (33.8)	829 (20.4)	713 (17.5)	1,064	0
KALIMANTAN **	1,331	4,698	18,261	24,290	0.045	7,112 (29.3)	9,067 (37.3)	4,061 (16.7)	4,050 (16.7)	29,082	6,507
22 North Sulawesi	820	1,353	5,080	7,253	0.381	2,195 (30.3)	2,267 (31.3)	1,405 (19.4)	1,386 (19.1)	6,516	5,284
23 Central Sulawesi	835	2,422	2,985	6,242	0.090	1,722 (27.6)	2,712 (43.4)	531 (8.5)	1,277 (20.5)	9,303	10,592
24 South Sulawesi	583	1,844	23,065	25,492	0.350	8,386 (32.9)	6,223 (24.4)	4,926 (19.3)	5,957 (23.4)	105	53
25 Southeast Sulawesi	197	1,091	3,818	5,106	0.184	920 (18.0)	2,155 (42.2)	619 (12.1)	1,412 (27.7)	2,005	837
SULAWESI **	2,435	6,710	34,948	44,093	0.233	13,223 (30.0)	13,357 (30.3)	7,481 (17.0)	10,032 (22.8)	17,929	8,845
26 Maluku	409	2,083	2,808	5,300	0.071	1,944 (36.7)	1,933 (36.5)	705 (13.3)	718 (13.5)	0	0
27 Irian Jaya **)	1,614	1,321	5,004	7,939	0.019	3,477 (43.8)	2,240 (28.2)	2,113 (26.6)	109 (1.4)	NA	NA
OTHERS **	2,023	3,404	7,812	13,239	0.027	5,421 (40.9)	4,173 (31.5)	2,818 (21.3)	827 (6.2)	0	0
TOTAL **	14,590	40,299	195,425	250,314	0.130	82,180 (32.8)	80,257 (32.1)	50,920 (20.3)	36,957 (14.8)	747,605	346,023
											323,704

Source: Statistical Yearbook of Indonesia (BPS). *)Perhubungan dalam Angka 1990* (Dept. Perhubungan)

Note: *) Figures in 1987, **) Figures of road in Jakarta is not available.

***) Figures of Irian Jaya of Water surface transportation is not available

CHART A-21-1

ROAD USERS BY REGION

CITY / OUT-CITY (1990)

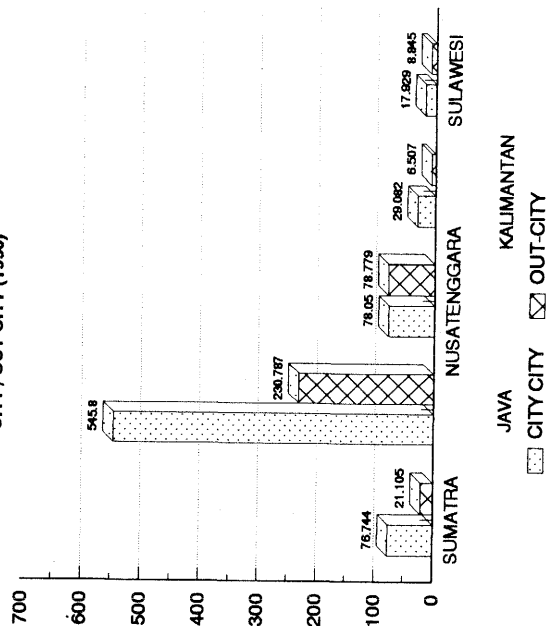
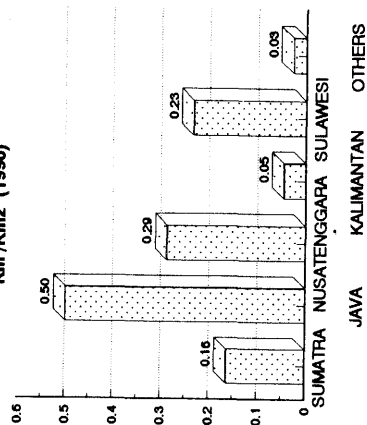


CHART A-21-2

LENGTH OF ROAD PER AREA

Km / Km² (1990)

ROAD CONDITIONS

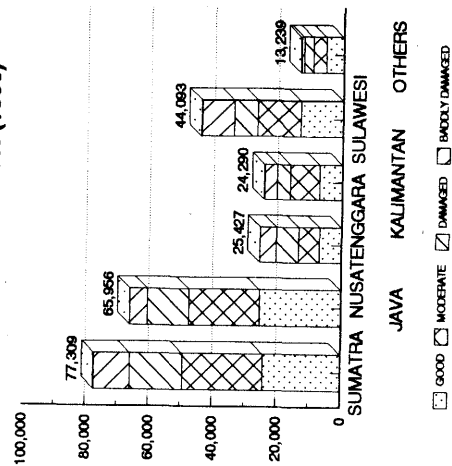
-- LENGTH, CONDITION, USERS --

This Section indicate the maturity of land transportation facilities representing road development as a basic infrastructure which is a prerequisite needed for regional development.

- The simple comparison of statistics disguises the length of road rather evenly distributed among major islands, but when looking at closely the length of road per area(km²), the extend ratio of Java are distinctive. The otherhand, out of Java, the outer island are especially Kalimantan, Sulawesi and other eastern part of Indonesia, absolutely lack of road facilities.
- The potential road users are also under the same situation because the lack of good land road limits the mobility of peoples and scarcity of population causes lack of needs for road vis a vis.
- Road conditions of Java and Sumatra are relatively better, but other regions suffer bad condition of road which is categorized as "Damaged" and "Badly damaged".

CHART A-21-3

ROAD CONDITION (1990)



REGISTERED MOTOR VEHICLES TYPE AND NUMBER OF REGISTERED MOTOR VEHICLES BY PROVINCE (1989)

TABLE A-22

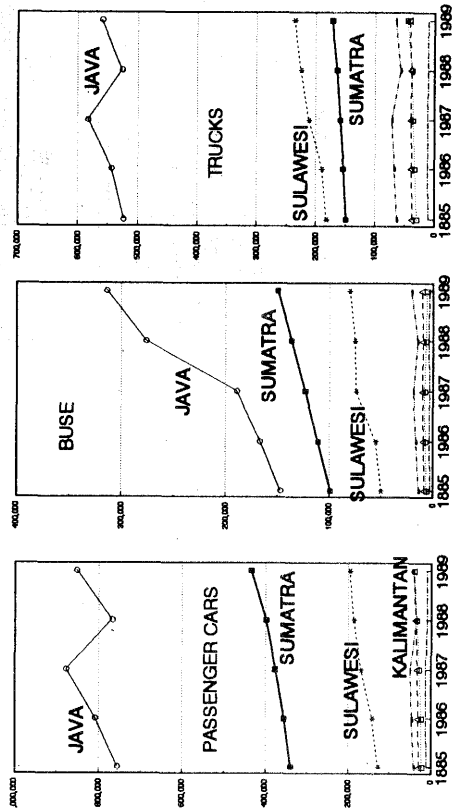
	Passenger			Buses		Trucks		Motor Cycles		Total		UNIT per 1000 Persons					Motor	Total
	Car	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)		
1 Aceh	13,543	1,867	15,650	119,211	150,271	4,07	9,35	35,87	45,21									
2 North Sumatra	72,824	33,335	76,917	474,005	657,081	7,05	7,45	17,72	45,89	63,61								
3 West Sumatra	12,128	10,121	22,471	98,084	142,804	3,11	2,59	5,75	11,45	25,12	36,57							
4 Riau	17,854	3,483	19,637	130,361	171,335	1,21	6,81	14,21	45,22	59,43								
5 Jambi	7,662	4,371	10,284	63,757	86,074	3,79	2,16	5,08	11,03	31,52	42,56							
6 South Sumatra	49,741	21,147	52,346	262,124	385,358	8,19	3,48	8,62	20,29	43,17	63,46							
7 Bengkulu	2,695	1,907	11,067	26,757	42,426	2,42	1,71	9,93	14,06	24,01	38,08							
8 Lampung	19,882	3,924	28,054	92,511	144,371	2,75	0,54	3,88	7,17	12,79	19,96							
SUMATRA	196,329	80,155	236,426	1,266,810	1,779,720	5,32	2,17	6,41	13,91	34,35	48,25							
9 Jakarta	434,659	150,077	173,170	757,393	1,515,299	47,74	16,48	19,02	83,24	83,19	166,43							
10 West Java	155,120	46,465	114,254	482,344	798,183	4,59	1,38	3,38	9,35	14,28	23,64							
11 Central Java	121,128	16,668	112,655	897,199	1,147,650	4,23	0,58	3,93	8,74	31,32	40,07							
12 Yogyakarta	20,480	2,073	12,766	188,417	223,736	6,55	0,66	4,08	11,30	60,27	71,57							
13 East Java	121,960	98,905	146,929	1,151,635	1,519,429	3,71	3,01	4,47	11,19	35,04	46,23							
JAVA	853,347	314,188	559,774	3,476,968	5,204,297	7,94	2,92	5,21	16,07	32,34	48,41							
14 Bali	22,945	2,151	24,716	195,548	245,360	8,25	0,77	8,88	17,91	70,29	88,20							
15 West Nusa Tenggara	7,077	1,167	9,799	47,251	65,294	2,14	0,35	2,96	5,46	14,30	19,76							
16 East Nusa Tenggara	6,940	3,018	4,917	27,138	42,013	2,09	0,34	2,90	5,33	13,97	19,30							
17 East Timor	3,682	1,033	1,312	15,846	21,873	5,15	1,45	1,84	8,43	22,17	30,60							
NUSATENGGA	40,781	5,518	45,626	305,896	397,821	4,00	0,54	4,48	9,03	30,03	39,06							
18 West Kalimantan	9,390	2,263	9,174	90,623	111,450	2,98	0,72	2,91	6,62	28,79	35,40							
19 Central Kalimantan	1,823	74	3,808	26,367	32,072	1,43	0,06	2,99	4,48	20,70	25,18							
20 South Kalimantan	14,662	950	9,280	114,035	138,927	5,95	0,39	3,77	10,10	46,39	56,39							
21 East Kalimantan	14,170	6,452	18,516	89,743	128,881	7,91	3,60	10,34	21,85	50,09	71,94							
KALIMANTAN	40,045	9,739	40,778	320,768	411,330	4,61	1,12	4,70	10,44	36,97	47,40							
22 North Sulawesi	18,191	8,702	16,705	39,289	82,887	7,36	3,52	6,76	17,63	15,89	33,52							
23 Central Sulawesi	3,946	1,701	7,847	40,633	54,127	2,28	0,98	4,52	7,78	23,43	31,21							
24 South Sulawesi	19,096	9,216	37,398	226,073	291,783	2,73	1,32	5,34	9,38	32,29	41,67							
25 Southeast Sulawesi	1,162	638	3,356	19,261	24,417	0,89	0,49	2,58	3,97	14,83	18,80							
SULAWESI	42,395	20,257	65,306	325,256	453,214	3,39	1,62	5,22	10,23	26,00	36,24							
26 Maluku	2,371	893	4,887	16,446	24,597	1,31	0,49	2,69	4,49	9,07	13,56							
27 Irian Jaya	7,122	2,302	4,546	30,240	44,210	4,58	1,48	2,92	8,98	19,44	28,42							
OTHERS	9,493	3,195	9,433	46,686	68,907	2,82	0,95	2,80	6,56	13,85	0,00							
TOTAL	1,182,253	434,903	952,461	5,722,291	8,291,908	6,60	2,42	5,34	14,36	32,06	46,42							

Source: Statistical Yearbook of Indonesia 1990 (BPS)

NUMBER OF AUTOMOBILES

CHART A-22-1

TRENDS OF INCREASE



- ## This Section illustrates the holding rate of motor vehicles by species and by provinces comparing with other Asian countries such as Korea, Japan, Malaysia, Thailand et al.
- Total number of registered motor vehicles can be counted over 8 million units, but 4 wheel cars are only 3 millions.
 - The average number of cars per 1000 persons in Indonesia ranks very low position among Asian countries (See Chart A-22-2)
 - But, Jakarta region marks exceptionally high holding rate among 27 provinces in Indonesia, with over 80 units per 1000 persons which is the same level of Malaysia.
 - Provinces of Java hold relatively larger number of motor vehicles (60% of total and 16 units per person) than other islands' provinces in average.
 - Number of cars have sharply increased throughout 1980s, especially in Java and Sumatra.
 - Increasing rate of buses in Java is noticeable.

CHART A-22-2

CARS/P

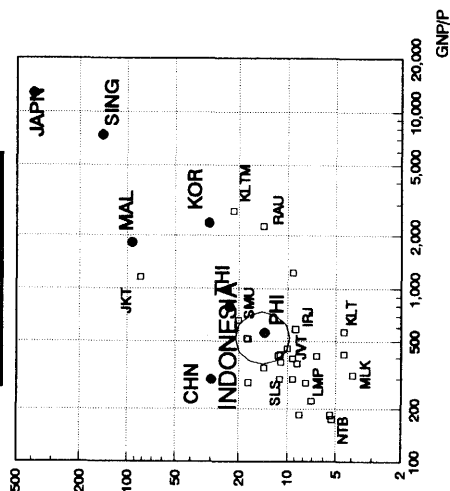
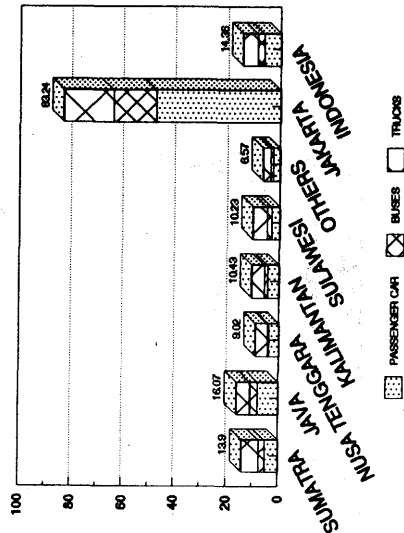


CHART A-22-3

NUMBER OF CARS per 1000



INSULAR SEA TRANSPORTATION

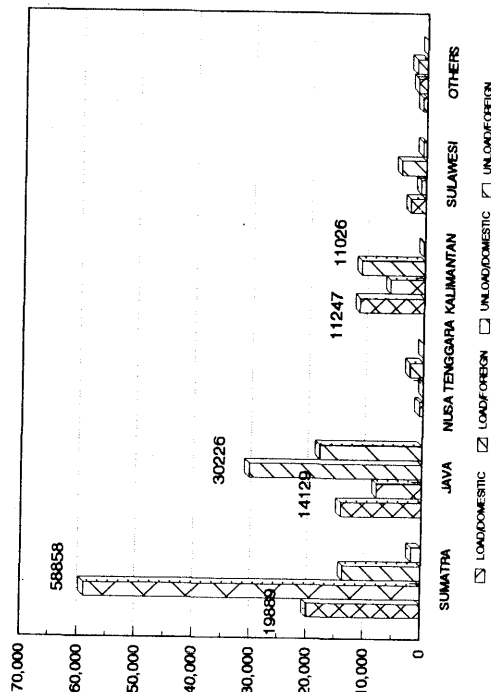
LOADING AND UNLOADING OF INTERINSULAR AND INTERNATIONAL SEA BORNE BY PROVINCE (1987)

TABLE A-23 UNIT (1000 TON)

PROVINCE	Loading		Unloading		TOTAL	
	Inter Insular	Foreign	Inter Insular	Foreign	Inter Insular	Foreign
	(1)	(2)	(3)	(4)	(5)	(6)
1 Aceh	1,612	26,108	750	109	2,362	26,217
2 North Sumatra	1,270	1,938	2,648	879	3,918	2,818
3 West Sumatra	747	729	475	52	1,221	781
4 Riau	12,928	27,399	6,917	465	19,844	27,864
5 Jambi	289	508	490	30	778	538
6 South Sumatra	1,997	1,269	1,259	111	3,256	1,380
7 Bengkulu	129	200	166	0	295	200
8 Lampung	918	707	919	70	1,837	777
SUMATRA	19,889	58,858	13,622	1,717	33,511	60,575
9 Jakarta	2,493	3,159	8,246	5,826	10,739	8,985
10 West Java	888	777	3,016	3,723	3,904	4,500
11 Central Java	7,238	1,886	10,505	4,185	17,743	6,071
12 Yogyakarta	0	0	0	0	0	0
13 East Java	3,511	2,047	8,458	4,135	11,969	6,183
JAVA	14,129	7,870	30,226	17,870	44,354	25,739
14 Bali	344	2	1,367	7	1,710	9
15 West Nusa Tenggara	217	0	392	0	609	0
16 East Nusa Tenggara	25	5	426	0	451	5
17 East Timor	8	2	154	21	162	23
NUSATENGARA	594	9	2,338	28	2,932	36
18 West Kalimantan	536	1,041	1,345	56	1,881	1,097
19 Central Kalimantan	964	437	275	10	1,240	447
20 South Kalimantan	587	1,024	1,350	98	1,937	1,121
21 East Kalimantan	9,160	3,457	8,055	49	17,215	3,505
KALIMANTAN	11,247	5,959	11,026	212	22,273	6,171
22 North Sulawesi	529	141	1,073	33	1,602	174
23 Central Sulawesi	479	63	354	0	832	63
24 South Sulawesi	1,512	371	2,576	542	4,089	913
25 Southeast Sulawesi	91	210	295	4	386	214
SULAWESI	2,611	785	4,298	578	6,909	1,363
26 Maluku	333	73	315	0	648	73
27 Irian Jaya	354	1,393	1,411	4	1,765	1,397
OTHERS	687	1,466	1,726	4	2,413	1,470
TOTAL	49,157	74,946	63,235	20,409	112,392	95,354

Source: Statistical Yearbook of Indonesia 1990 (BPS)

CHART A-23-1
SEA BORNE CARGO BY PROVINCE (1987)

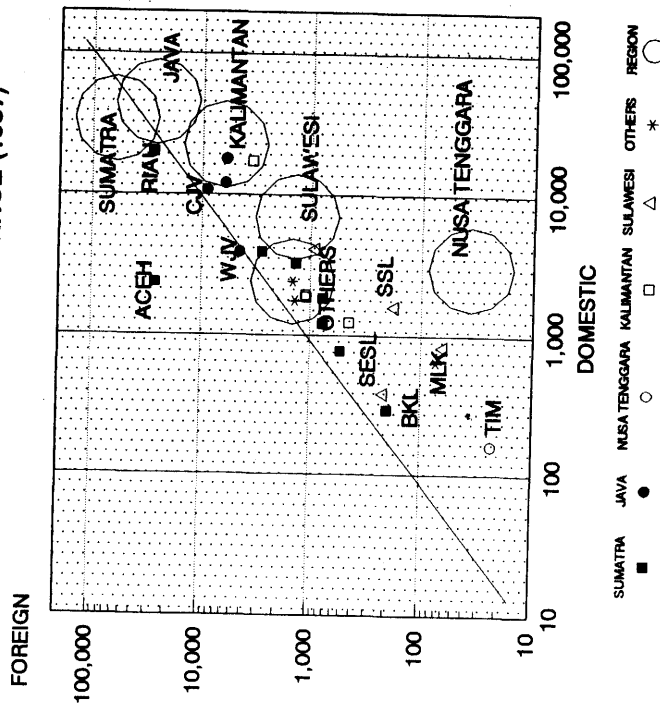


- Indonesia's total sea borne cargo was counted about 200 million tons in 1987 which consisted of 112 million tons for inter-isular transports and 95 millions of exports.
- Java has relatively big portions of cargo loading and unloading in the inter islands transport (40%), followed by 30% of Sumatra and 20% of Kalimantan.
- Sumatra occupies extraordinarily share of foreign loading (export commodity) because of primary goods (78% of total 74 million tons)
- Java shows large shares of insular cargo carriages and rather unbalanced features between loading and unloading commodities, which probably means Java region receiving a lot of materials from outer islands, and the flow of commodities mainly moved between Java and outer islands.
- Chart A-23-1 illustrates the comparative volume of the sea borne cargo between the foreign and domestic. We could observe that Sumatra and Java keep rather high ratio of foreign cargo volumes than other regions.

DOMESTIC SEA TRANSPORTATION

This section covers the situation of Sea Borne Cargo transport which have very important role for the commodity flow among major island as well as export to foreign countries.

CHART A-23-2
SEA BORNE CARGO BY PROVINCE (1987)



PORTS AND EXPORT VOLUME **VOLUME OF EXPORTS BY PRINCIPAL PORTS 1986 - 1990**

TABLE A-25

TABLE A-25		(NET WEIGHT :000 M.TON)											
PORT OF EXPORTATION						PORT OF EXPORTATION							
(1)	(2)	(3)	(4)	(5)	(6)	(1)	(2)	(3)	(4)	(5)	(6)		
Tanjung Priok	6,338	7,547	8,144	9,759	10,100	Ujung Pandang	212	306	293	286	286		
Cirebon	99	224	267	440	285	Malili	34	37	37	40	45		
Arjuna	1,407	1,059	558	826	837	Pomala	260	131	151	155	189		
Cilacap	1,266	1,542	1,622	1,181	1,700	Donggala	17	41	14	15	1		
Semarang	225	277	426	558	574	Bitung	92	136	171	173	201		
Panarukan	7	3	-	-	-	Others	122	79	151	109	43		
Surabaya	1,514	1,656	1,615	1,982	1,902	SULAWESI	737	729	816	778	764		
Others	1,626	1,647	1,754	1,542	1,091	Ngurah Rai	2	4	5	10	10		
JAWA & MADURA	12,482	13,953	14,387	16,288	16,488	Reo	5	4	5	11	8		
Belawan	1,851	1,891	2,307	2,342	2,374	Kupang	1	6	3	11	7		
Pakan Baru & Dumai	23,321	21,032	22,613	22,915	22,731	Others	1	0					
Pangkalan Susu	803	281	165	51	330	BALI & NUSA TENGGAI	7	15	13	32	25		
Pulau Sumbu	3,754	4,239	4,361	4,281	4,140	Temate	724	958	1,070	609	761		
Tanjung Pinang	1,539	881	638	757	535	Ambon	217	305	374	424	476		
Teluk Bayur	923	683	1,114	1,439	1,136	Sorong	24	8	11	13	155		
Palembang	1,218	996	1,007	1,115	1,029	Jayapura	3	0	4	1	0		
Panjang	406	612	804	1,145	1,587	Amamapare	299	251	300	322	361		
Others	80,455	69,278	46,631	28,561	31,139	Lelok Kasim	1,488	1,387	1,149	1,071	1,012		
SUMATERA	114,270	99,893	79,638	62,605	64,999	Others	74	44	317	690	869		
Banjarmasin	485	634	723	856	673	MALUKU & IRIAN JAYA	2,828	2,954	3,224	3,129	3,633		
Balikpapan	1,040	1,146	1,027	859	928								
Samarinda	1,035	1,189	1,443	1,851	2,806								
Lingkas Tarakan	157	96	66	66	35								
Pontianak	517	751	811	855	860								
Bontang	7,607	7,381	8,708	9,286	10,518								
Sanpah	3,086	2,784	972	2,022	1,753								
Others	3,843	2,726	3,553	3,637	3,300								
KALIMANTAN	17,770	16,707	17,304	19,431	20,872	TOTAL	148,094	134,249	115,381	102,263	106,781		

Source: Statistical Yearbook of Indonesia 1990 (BPS)

EXPORT VALUE FROM MAJOR PORTS

CHART A-24-1

RANK OF EXPORT VALUE
(Bil US\$)

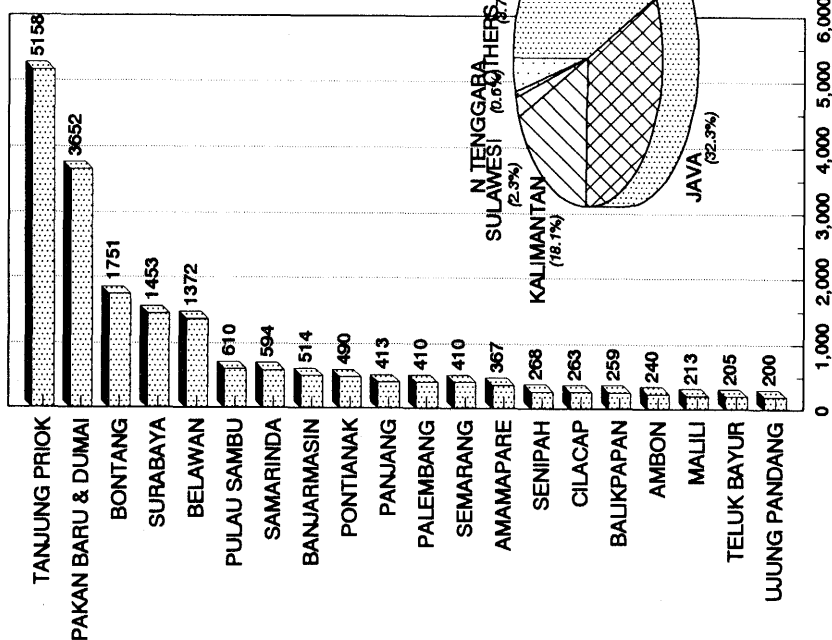
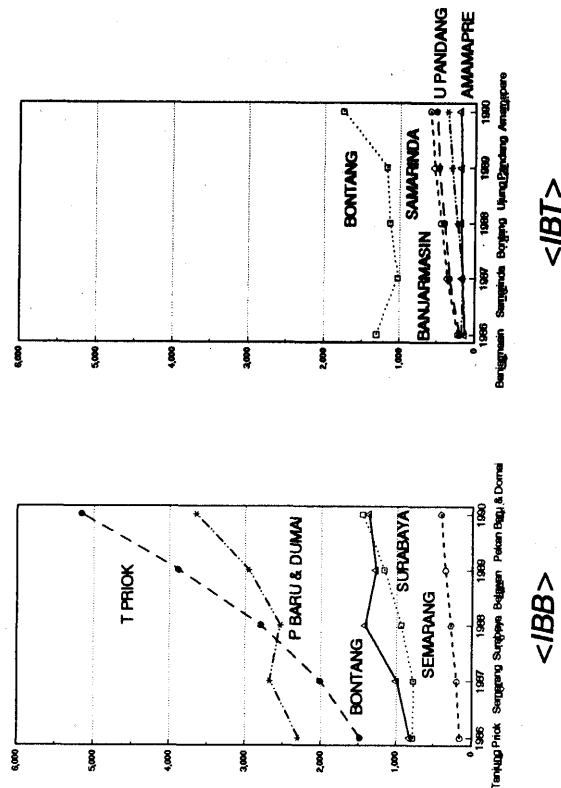


CHART A-24-2

TRENDS OF EXPORT AMOUNT
(1986-1990)



This Section illustrates the development of export calculated by value from major sea ports by regions and provinces .

- Tanjung Priok of Jakarta holds the first rank among major ports which shares 20% of total export value.
- The second and third ranks of important ports are Pekanbaru and Bontang because of Oil and Gas export, followed by Tanjung Perak in Surabaya
- Sumatra's percentage of export value is the biggest (41%) thanks to Oil and Gas, and Java occupied rather big 32% portion and Kalimantan 18%. The others are negligible weight.
- Increasing rate of exports of Tanjung Priok is remarkable after 1985.

PORTS AND EXPORT VALUE **VALUE OF EXPORTS BY PRINCIPAL PORTS 1986 - 1990**

TABLE A-24		(F.O.B VALUE : 000,000 US \$)					
PORT OF EXPORTATION		1986	1987	1988	1989	1990 e)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PORT OF EXPORTATION		PORT OF EXPORTATION					
		(1)	(2)	(3)	(4)	(5)	(6)
Tanjung Priok	1,486	2,013	2,795	3,891	5,158		
Cirebon	9	17	18	26	16		
Ariuna	184	112	49	92	94		
Cilacap	147	223	213	175	263		
Semarang	157	198	278	354	410		
Panarukan	23	10	-	-	-		
Surabaya	785	775	936	1,164	1,453		
Others	390	729	938	1,131	943		
JAWA & MADURA	3,180	4,076	5,225	6,832	8,335		
Belawan	825	999	1,419	1,280	1,372		
Pakan Baru & Dumai	2,305	2,678	2,538	2,957	3,652		
Pangkalan Susu	102	47	29	7	49		
Pulau Sambu	467	513	420	478	610		
Tanjung Pinang	46	49	56	37	57		
Teluk Bayur	154	180	224	231	205		
Palembang	469	466	521	475	410		
Panjang	373	311	414	406	413		
Others	3,067	3,538	3,578	4,063	4,343		
SUMATRA	7,806	8,782	9,196	9,934	11,109		
Banjarmasin	194	335	405	478	514		
Balikpapan	166	239	209	193	259		
Samarinda	222	370	449	540	594		
Lingkas Tarakan	28	33	32	40	28		
Pontianak	189	337	401	426	490		
Bontang	1,299	1,023	1,125	1,168	1,751		
Senipah	320	356	106	265	268		
Others	570	524	627	638	762		
KALIMANTAN	2,988	3,216	3,353	3,748	4,667		
TOTAL	14,805	17,136	19,219	22,159	25,801		

EXPORT VOLUME OF MAJOR PORTS

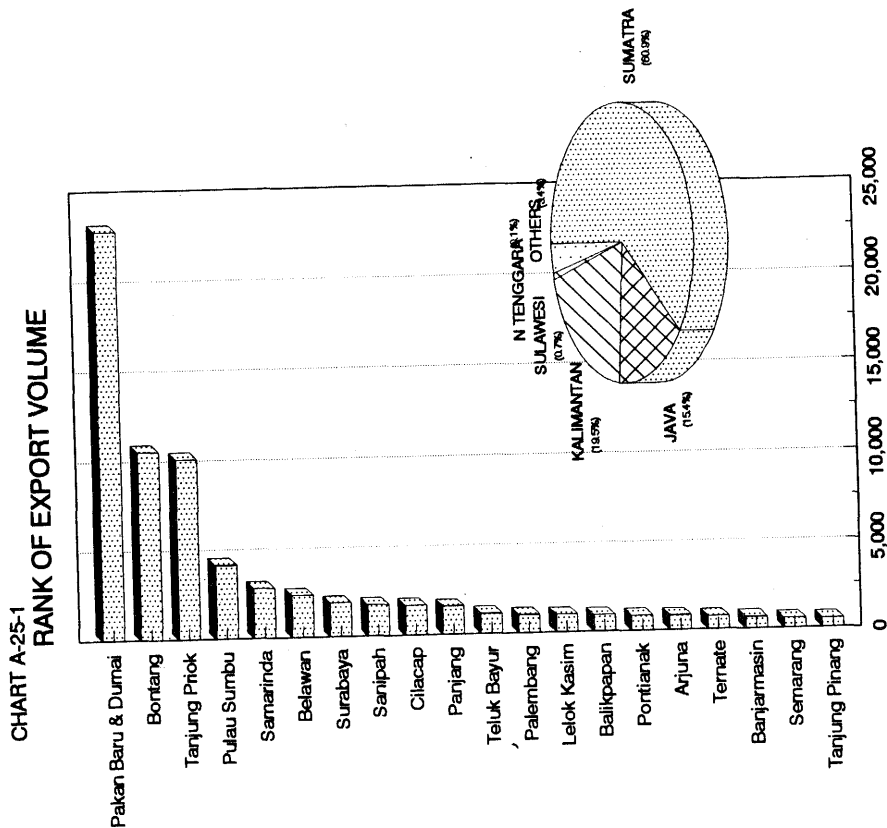
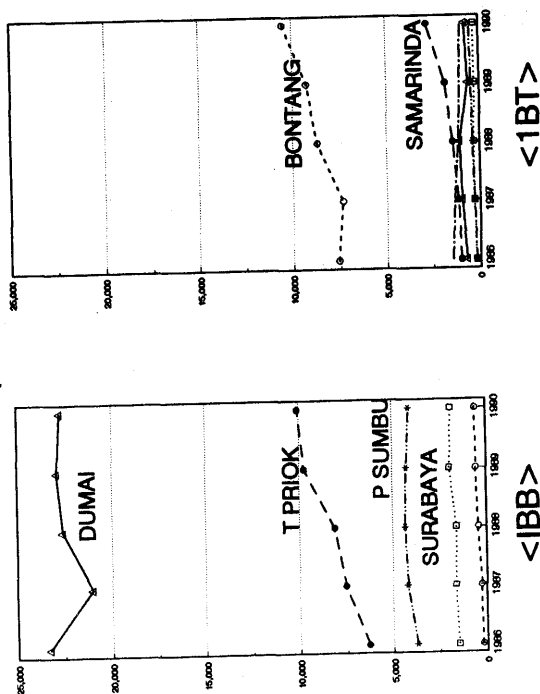


CHART A-25-2
TRENDS OF EXPORT VOLUME OF MAJOR PORTS
(1986-1990)



This Section shows the development of export volumes from major ports by regions in volume.

- The role of Pekan Baru & Dumai of Sumatra and Bontang of Kalimantan are significant because both of them are known as major ports of Oil and Gas.
- Tanjung Priok of Java shares third rank with 10 million tons (9.5%) in 1990.
- Sumatra's percentage (6%) is dominant in export volume followed by Kalimantan (21%, Bontang and Samarinda are important), but Java shares only 15% of total volume.
- The role of Eastern Part of Indonesia (Sulawesi, Nusa Tenggara et al) is negligible.

AIR TRANSPORTATION

DOMESTIC AIR TRAFFIC AT SEVERAL MAIN AIRPORTS 1986-1987-1988

TABLE A-26

CITY (AIRPORT)	YEAR	Air craft		Passenger		Cargo				Baggage		Mail	
		3	4	5	6	7	8	9	10	11	12	13	14
SUMATRA	1986	7,975	8,010	349	330	3,180	5,290	3,346	3,259	382	489		
	1989	7,822	7,820	396	402	4,150	8,056	4,244	4,033	358	549		
	1986	1,874	1,871	61	58	233	1,095	464	647	77	115		
	1989	3,260	3,260	133	124	542	1,954	1,125	1,245	142	183		
	1986	7,090	7,107	218	224	953	3,023	1,214	1,354	127	203		
(Talang Betutu)	1989	7,305	7,278	250	251	1,414	3,238	1,437	1,751	194	243		
JAVA & BALI	1986	33,449	33,790	1,901	1,892	31,720	9,389	13,538	12,378	3,408	1,903		
	1989	44,794	44,398	2,604	2,821	44,148	13,286	21,967	20,824	3,712	1,984		
	1986	5,570	5,549	189	188	408	1,023	841	659	124	103		
	1989	6,055	6,046	257	260	1,831	1,485	1,239	931	215	193		
	1986	3,862	3,862	174	159	169	928	1,087	814	91	82		
	1989	3,840	3,840	251	250	204	291	1,872	1,880	173	162		
	1986	17,866	17,892	812	893	6,846	6,390	6,289	4,363	507	378		
	1989	27,523	27,526	986	890	8,868	7,535	7,027	5,284	1,000	671		
	1986	10,311	10,526	448	474	2,333	1,789	7,881	5,118	310	380		
	1989	14,914	14,980	796	755	8,170	3,710	17,543	9,808	426	286		
KALIMANTAN	1986	7,059	7,168	154	151	1,260	1,615	1,820	1,816	97	125		
	1989	7,639	7,843	173	180	1,160	1,902	2,018	1,958	119	188		
	1986	10,997	11,015	224	244	2,484	3,436	2,473	2,283	210	269		
	1989	11,920	11,963	253	238	2,109	2,197	3,807	2,743	302	273		
	1986	22,239	22,330	332	348	1,912	4,031	1,728	2,132	100	176		
(Sepinggan)	1989	21,891	21,984	332	330	3,209	4,792	2,313	3,100	252	380		
SULAWESI	1986	3,744	3,722	78	80	698	1,649	988	953	121	2,210		
	1989	3,240	3,252	96	96	820	1,910	1,139	1,112	161	141		
	1986	8,556	8,562	439	291	9,204	12,069	5,880	3,708	623	847		
	1989	9,766	9,738	502	311	9,816	9,953	5,983	3,858	782	783		
	1986	3,887	3,888	62	47	442	1,062	717	554	49	34		
OTHERS	1989	4,026	4,013	66	56	751	1,077	755	655	100	96		
	1986	7,284	7,240	79	71	7,482	1,268	918	836	114	123		
	1989	7,693	7,595	80	72	7,639	1,318	990	854	119	123		
	1986	7,693	7,595	80	72	7,639	1,318	990	854	119	123		

Source : Air Transport Statistics 1986-1989, Central Bureau of Statistics, Jakarta
 Note : Name of Talang Betutu Airport becomes Sultan M. Badaruddin II
 Data in 1988 is not available

CHART A-26-1

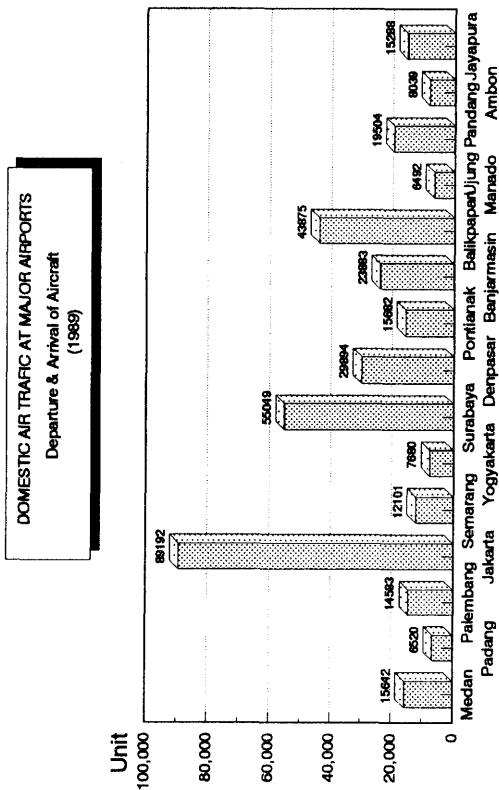
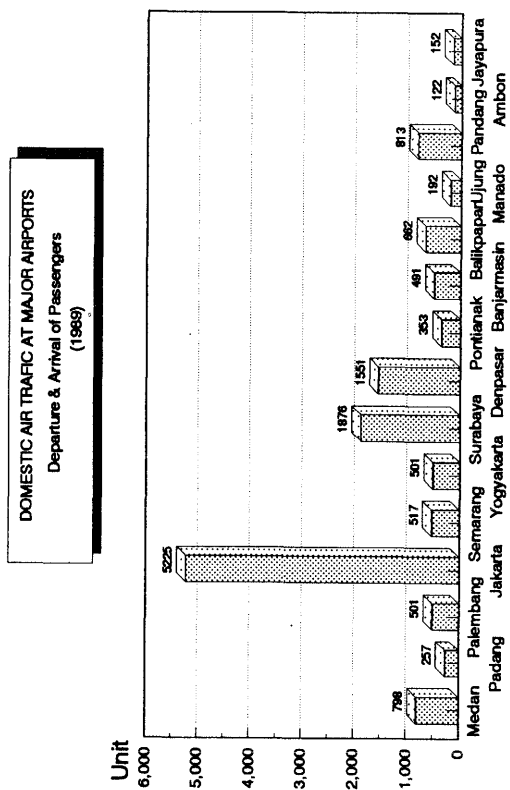


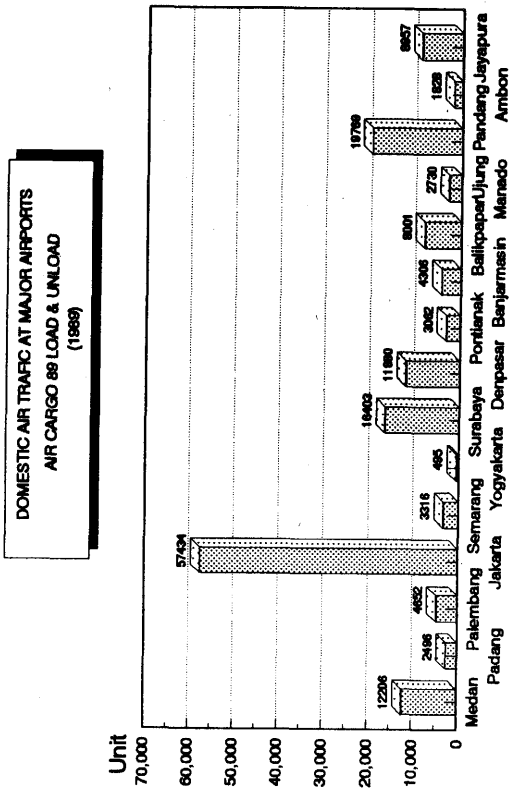
CHART A-26-2



AIR TRANSPORT

- ## This Sector covers the general condition of domestic air traffic by regions and illustrates the condition of major airports in 1986 and 1989.
- The role of Jakarta airport (Sukarno-Hatta) is dominant in all activities concerning departure and arrivals of passengers (50%), number of aircraft (40%) and air cargoes (50%).
 - Surabaya ranks second in passengers and aircraft departures and arrivals, but Ujung Pandang of Sulawesi is the second in air cargo cargoes.
 - Denpasar shares a relatively large big portion in passengers arrivals because of development of tourism industries.

CHART A-26-3



REGIONAL DEVELOPMENT TAX & LAND TAX OF PROVINCES 1986/87-1990/91

TABLE A-27

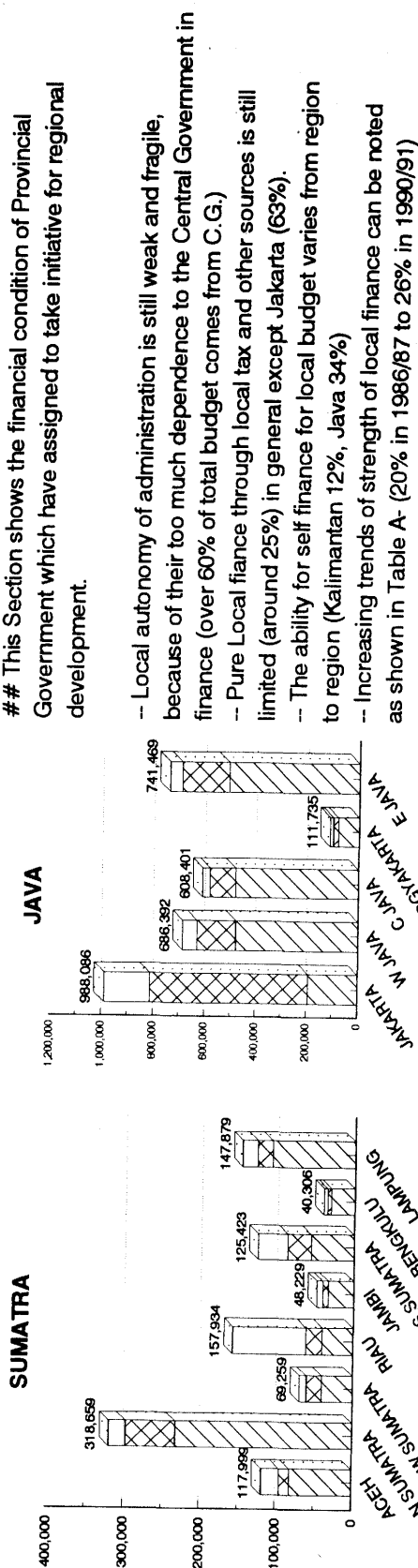
(Million Rupiah)

	1986/87				1989/90				1990/91			
	Revenue	C. Govt	F Support fm	Local	Revenue	C. Govt	F Support fm	Local	Revenue	C. Govt	F Support fm	Local
		(%)		Finance		(%)		Finance		(%)		Finance
1 Aceh	72,641	53,046	(73.0)	7,791	103,980	70,650	(67.9)	12,328	117,999	81,086	(68.7)	13,867
2 North Sumatra	196,721	145,388	(73.9)	33,825	275,288	189,844	(69.0)	57,782	318,659	232,255	(72.9)	64,660
3 West Sumatra	39,452	26,668	(67.6)	11,357	55,290	33,447	(60.5)	14,207	89,280	40,012	(44.8)	20,402
4 Riau	49,689	20,126	(40.5)	10,895	114,905	29,548	(25.7)	14,361	157,933	40,614	(25.7)	21,228
5 Jambi	26,396	17,612	(66.7)	4,400	37,028	22,947	(62.0)	6,779	48,229	33,227	(68.9)	7,455
6 South Sumatra	89,074	35,938	(40.3)	14,259	114,905	29,548	(25.7)	14,361	157,933	40,614	(25.7)	21,228
7 Bengkulu	21,933	17,615	(80.3)	2,907	29,340	22,746	(77.5)	4,217	40,306	31,096	(77.2)	4,786
8 Lampung	94,948	67,781	(71.4)	14,514	134,725	94,385	(70.0)	17,494	147,880	108,412	(73.3)	19,282
SUMATRA	570,856	384,175	(67.3)	99,949	841,743	500,282	(59.4)	149,483	1,025,687	622,888	(60.7)	182,056
9 Jakarta	409,880	118,663	(29.0)	23,737	710,453	181,190	(25.7)	42,961	988,087	192,358	(19.5)	619,479
10 West Java	400,589	328,303	(82.0)	54,679	561,562	427,189	(76.1)	104,941	686,392	478,302	(69.7)	151,284
11 Central Java	412,139	339,836	(82.5)	51,391	534,193	432,341	(80.9)	78,929	608,401	480,459	(79.0)	99,299
12 Yogyakarta	87,773	64,417	(73.4)	10,639	94,897	73,662	(77.6)	12,899	111,734	80,834	(72.3)	18,101
13 East Java	451,224	346,859	(76.9)	80,338	630,493	457,895	(72.6)	133,860	741,469	511,090	(68.9)	183,172
JAVA	1,761,604	1,198,078	(68.0)	228,784	2,531,597	1,552,277	(61.3)	280,292	3,136,083	1,743,042	(55.6)	1,072,335
14 Bali	75,588	57,643	(76.3)	12,353	112,598	74,265	(66.0)	27,503	145,107	85,503	(58.9)	45,387
15 West Nusa Tenggara	25,256	19,307	(76.4)	4,450	34,021	24,637	(72.4)	5,714	49,028	35,828	(73.1)	7,855
16 East Nusa Tenggara	32,225	19,932	(61.9)	5,105	38,542	27,097	(70.3)	8,028	51,010	36,752	(72.0)	8,305
17 East Timor	32,116	18,520	(57.7)	1,871	30,149	24,616	(81.6)	1,378	37,314	34,087	(91.3)	1,715
NUSATENGARA	165,184	115,402	(69.9)	23,779	215,310	150,615	(70.0)	42,623	282,460	194,148	(68.7)	63,242
18 West Kalimantan	64,677	50,277	(77.7)	4,673	94,270	71,928	(76.3)	8,632	119,145	93,595	(78.6)	12,045
19 Central Kalimantan	46,679	34,133	(73.1)	2,562	68,166	47,389	(69.5)	2,390	90,908	66,842	(73.5)	3,124
20 South Kalimantan	67,785	55,755	(82.3)	5,813	92,712	74,586	(80.4)	9,334	112,364	90,795	(80.8)	12,140
21 East Kalimantan	64,238	36,636	(57.0)	10,641	100,399	50,929	(50.7)	16,661	141,361	68,703	(48.1)	29,438
KALIMANTAN	243,378	176,802	(72.6)	23,689	355,547	244,832	(68.9)	37,019	483,779	319,235	(66.0)	56,747
22 North Sulawesi	80,663	63,339	(78.5)	7,995	110,254	85,431	(77.5)	11,290	124,623	100,648	(80.8)	14,265
23 Central Sulawesi	46,618	40,117	(86.1)	2,931	67,460	57,946	(85.9)	4,398	91,513	79,217	(86.6)	5,678
24 South Sulawesi	53,170	31,020	(58.3)	14,516	80,000	39,245	(49.1)	23,094	106,598	50,608	(47.5)	28,525
25 Southeast Sulawesi	27,397	16,384	(59.8)	2,370	25,255	19,981	(79.1)	2,769	41,161	33,161	(80.6)	3,514
SULAWESI	207,848	150,860	(72.6)	27,812	282,968	202,604	(71.6)	41,551	363,894	263,832	(72.4)	51,982
26 Maluku	32,885	17,891	(54.4)	1,992	46,989	24,218	(51.5)	7,392	67,188	35,937	(53.5)	6,241
27 Irian Jaya	48,733	40,046	(82.2)	2,811	75,974	45,720	(60.2)	4,149	115,557	78,474	(67.9)	5,704
OTHERS	81,618	57,938	(71.0)	4,803	122,963	68,938	(56.1)	11,541	182,745	114,411	(62.6)	11,844
TOTAL	3,030,489	2,083,255	(68.7)	608,816	4,350,129	2,720,549	(62.5)	1,041,498	5,454,647	3,257,358	(59.7)	1,438,308

Source: Nota Keuangan 1992/93 (Dept Keuangan Indonesia)

PROPORTION OF REVENUE OF PROVINCIAL GOVERNMENT

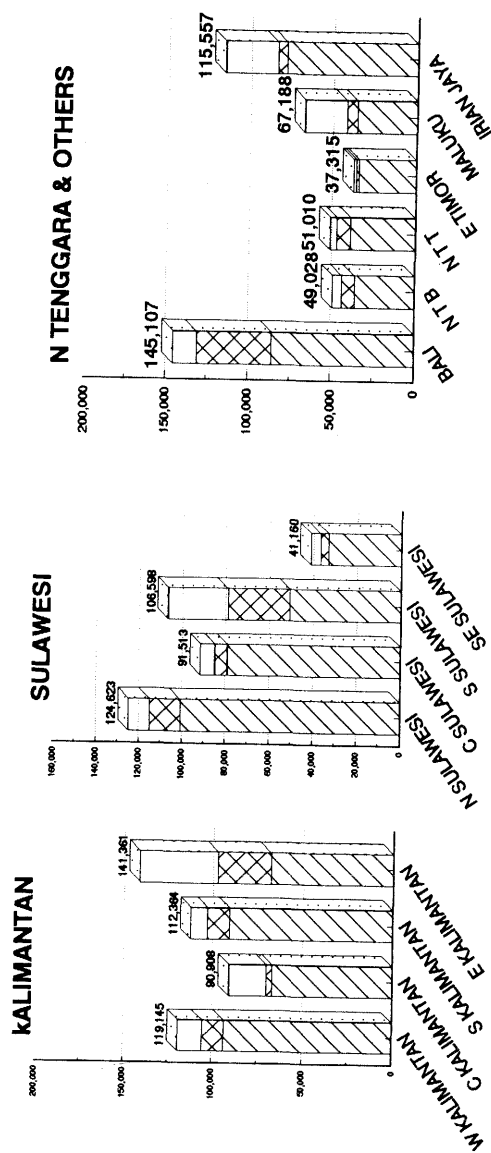
CHART A-27



This Section shows the financial condition of Provincial Government which have assigned to take initiative for regional development.

- Local autonomy of administration is still weak and fragile, because of their too much dependence to the Central Government in finance (over 60% of total budget comes from C.G.)
- Pure Local finance through local tax and other sources is still limited (around 25%) in general except Jakarta (63%).
- The ability for self finance for local budget varies from region to region (Kalimantan 12%, Java 34%)
- Increasing trends of strength of local finance can be noted as shown in Table A- (20% in 1986/87 to 26% in 1990/91)

□ C GOVT SURGEONAL FINANCING



FINANCIAL SUPPORT OF CENTRAL GOVERNMENT TO PROVINCES 1986/87-1990/91

TABLE A-28

(Million Rupiah)

	AMOUNT OF FINANCIAL SUPPORT				NUMBER OF		INPRES	per capita (Rp)	SDO
	1987/88	1988/89	1989/90	1990/91	1990/91	1991/92			
1 Aceh	53,046	56,807	60,830	70,650	157	188	24,689	37,464	26,269
2 North Sumatra	145,388	154,089	166,057	189,844	100	89	11,898	16,330	25,676
3 West Sumatra	26,668	26,136	29,664	33,447	260	303	18,056	27,832	28,848
4 Riau	20,126	20,136	22,914	29,548	59	55	23,673	32,628	21,261
5 Jambi	17,612	17,426	19,871	22,947	138	149	27,899	38,236	26,475
6 South Sumatra	35,938	33,114	34,338	36,736	102	75	17,916	30,326	20,043
7 Bengkulu	17,615	17,691	20,750	22,746	138	142	47,511	62,298	29,116
8 Lampung	67,781	71,579	79,622	94,365	206	221	11,850	16,247	17,955
SUMATRA	** 384,175	396,976	434,047	500,282	1,160	1,222	17,905	26,144	23,593
9 Jakarta	118,663	122,777	149,571	161,190	8	9	6,166	7,792	20,063
10 West Java	328,303	354,105	378,366	427,189	126	231	6,213	8,490	17,166
11 Central Java	339,836	359,341	379,544	432,341	61	83	7,466	10,669	22,405
12 Yogyakarta	64,417	65,403	71,187	73,662	80	89	12,629	18,961	32,732
13 East Java	346,859	374,458	402,513	457,895	78	79	7,269	9,808	20,173
JAVA	** 1,198,078	1,276,085	1,381,181	1,552,277	353	491	7,034	9,696	20,107
14 Bali	57,643	58,308	64,601	74,265	100	72	16,341	21,561	29,766
15 West Nusa Tenggara	19,307	19,000	21,679	24,637	109	100	15,586	22,123	22,680
16 East Nusa Tenggara	19,932	19,373	22,468	27,097	119	0	30,156	38,386	33,873
17 East Timor	18,520	19,655	21,589	24,616	104	93	71,901	87,334	54,207
NUSATENGGA	** 115,402	116,337	130,336	150,615	432	265	24,621	31,997	30,536
18 West Kalimantan	50,277	53,591	59,959	71,928	0	98	27,008	36,891	24,008
19 Central Kalimantan	34,133	35,641	40,679	47,389	117	116	47,501	68,364	38,724
20 South Kalimantan	55,755	58,158	63,736	74,586	87	101	28,893	39,522	29,551
21 East Kalimantan	36,636	38,654	43,530	50,929	93	103	40,001	52,309	29,585
KALIMANTAN	** 176,802	186,044	207,903	244,832	297	418	33,363	45,641	28,993
22 North Sulawesi	63,339	64,876	72,456	85,431	188	223	24,486	36,381	40,971
23 Central Sulawesi	40,117	42,171	46,989	57,946	165	187	35,153	48,662	34,257
24 South Sulawesi	31,020	28,977	33,588	39,245	79	0	16,653	23,391	27,494
25 Southeast Sulawesi	16,384	17,727	20,638	19,981	68	68	37,301	51,782	36,167
SULAWESI	** 150,860	153,751	173,671	202,604	500	478	22,958	32,476	32,021
26 Maluku	17,891	17,849	20,825	24,218	118	123	30,062	42,064	32,267
27 Irian Jaya	40,046	43,159	40,748	45,720	0	0	64,604	79,225	64,953
OTHERS	** 57,938	61,007	61,573	69,939	118	123	46,273	59,504	47,607
TOTAL	** 2,083,255	2,190,200	2,388,711	2,720,549	2,860	2,997	14,212	19,731	23,224

Source: Nota Keuangan 1992/93 (Dept Keuangan Indonesia)

FIANCIAL SUPORT OF CENTRAL GOVERNMENT

CHART A-28-1
TRENDS OF FINANCIAL SUPPORT

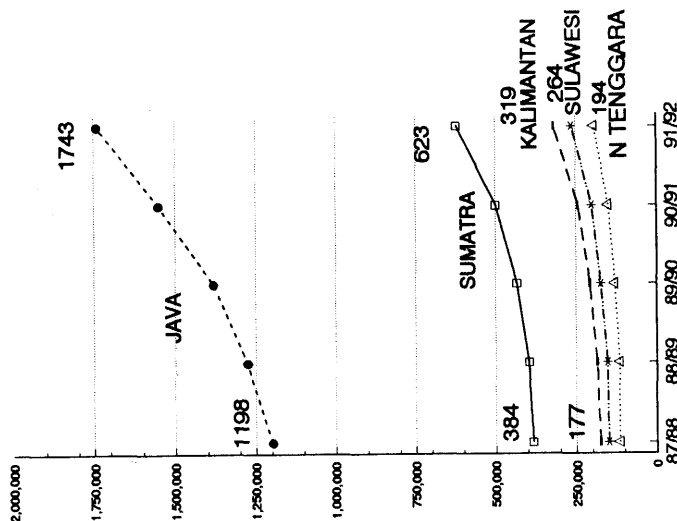


CHART A-28-2
INPRES & SDO per CAPITA
(SUMATRA AND JAVA)

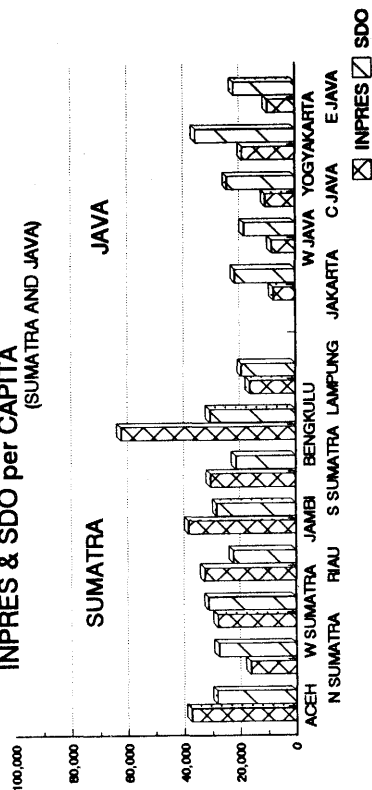
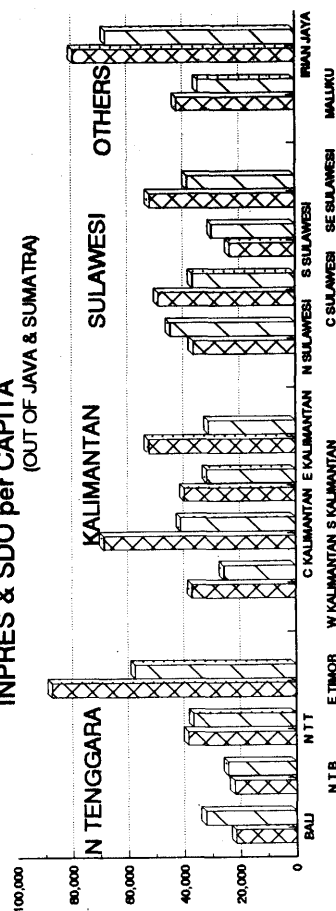


CHART A-28-3
INPRES & SDO per CAPITA
(OUT OF JAVA & SUMATRA)



This Section illustrates the feature of financial assistance to Local Government by Central Government through various sources.

Financial supports from Central Government have show trend of increased in 1980s with the more fast rate than National budget.

- INPRES and SDO are the main sources of development financial assistance which can be seen in Table A.
- From data of INPRES by per Capita, we can observe relatively big rate of per-head development assistance have been poured into the Outer Java regions, even absolute amount of them still dominant in Java.

TRENDS OF DEVELOPMENT BUDGET OF PROVINCES (DATI I) AND REGENCIES (DATI II)
1986/87-1990/91

TABLE A-29

	PROVINCIAL GOVERNMENTS (DATI I)					REGENCY GOVERNMENTS (DATI II)				
	1986/87	1987/88	1988/89	1989/90	1990/91	1986/87	1987/88	1988/89	1989/90	1990/91
1 Aceh	18,344	14,972	18,926	26,892	30,004	8,425	6,682	39,253	56,995	
2 North Sumatra	31,037	36,348	44,618	58,477	68,504	23,702	25,298	74,311	89,301	
3 West Sumatra	12,694	11,819	14,617	17,481	27,778	9,888	9,576	34,008	34,360	
4 Riau	21,346	17,107	19,538	35,237	59,811	6,568	4,658	18,382	25,682	
5 Jambi	13,394	12,074	15,791	20,416	27,619	2,474	2,711	17,493	21,765	
6 South Sumatra	27,791	25,457	19,319	31,054	52,376	8,302	10,179	50,782	51,236	
7 Bengkulu	11,432	10,110	13,093	13,226	21,766	638	731	6,770	9,817	
8 Lampung	13,457	13,137	15,682	24,662	36,472	5,474	4,424	32,796	32,847	
SUMATRA	149,494	141,025	161,583	227,445	324,330	65,471	64,259	273,794	322,003	
9 Jakarta	207,911	189,277	202,973	272,111	338,695	0	0	0	0	
10 West Java	39,318	47,731	64,775	69,397	102,211	43,011	47,738	145,279	174,684	
11 Central Java	44,281	55,670	58,406	60,429	86,006	38,404	37,600	138,930	155,907	
12 Yogyakarta	19,388	14,953	18,483	15,488	27,643	4,994	4,044	13,551	17,475	
13 East Java	52,272	65,827	79,864	86,094	117,386	41,711	54,190	159,482	184,187	
JAVA	363,169	373,457	424,501	503,518	671,941	126,119	143,572	457,242	532,232	
14 Bali	13,454	12,627	20,398	25,739	40,857	7,655	7,617	34,299	43,212	
15 West Nusa Tenggara	11,772	10,305	12,587	15,159	26,227	1,476	1,517	16,536	22,035	
16 East Nusa Tenggara	16,215	11,238	11,896	18,182	27,421	1,342	1,354	18,966	22,595	
17 East Timor	17,223	12,527	12,369	15,949	23,073	3,788	1,905	3,484	7,252	
NUSATENGGA	58,663	46,697	57,249	75,029	117,577	14,261	12,393	73,284	95,094	
18 West Kalimantan	17,311	13,671	18,556	20,930	34,258	1,922	3,533	29,826	32,373	
19 Central Kalimantan	16,190	14,485	17,508	24,616	37,143	1,876	3,042	15,670	20,959	
20 South Kalimantan	14,069	12,471	15,799	16,900	29,274	4,021	5,551	27,082	29,890	
21 East Kalimantan	20,797	14,828	20,198	27,899	53,639	11,905	12,081	23,158	42,703	
KALIMANTAN	68,367	55,454	72,061	90,345	154,314	19,724	24,208	95,748	125,925	
22 North Sulawesi	16,767	15,687	19,048	24,937	33,360	2,408	3,018	10,527	17,733	
23 Central Sulawesi	12,537	14,765	15,319	19,143	37,326	1,017	4,162	17,629	16,475	
24 South Sulawesi	19,519	18,289	18,623	29,266	46,527	11,111	10,781	39,473	51,315	
25 Southeast Sulawesi	16,862	10,403	12,640	14,656	23,207	1,257	327	10,464	9,637	
SULAWESI	65,686	59,143	65,630	88,002	140,420	15,793	18,288	78,083	95,159	
26 Maluku	20,525	11,706	15,020	22,089	36,276	4,155	3,581	15,209	14,278	
27 Irian Jaya	12,108	12,054	15,148	22,142	53,157	1,630	3,130	11,020	16,300	
OTHERS	32,633	23,760	30,168	44,231	89,433	5,785	6,711	26,229	30,578	
TOTAL	738,012	699,537	811,193	1,028,571	1,498,015	249,153	269,430	1,004,387	1,201,011	

Source: Nota Keuangan 1992/93 (Dept Keuangan Indonesia)

CHART A-29-1
DEVELOPMENT BUDGET OF LOCAL GOVERNMENT
(DAT I & II 1989/90)

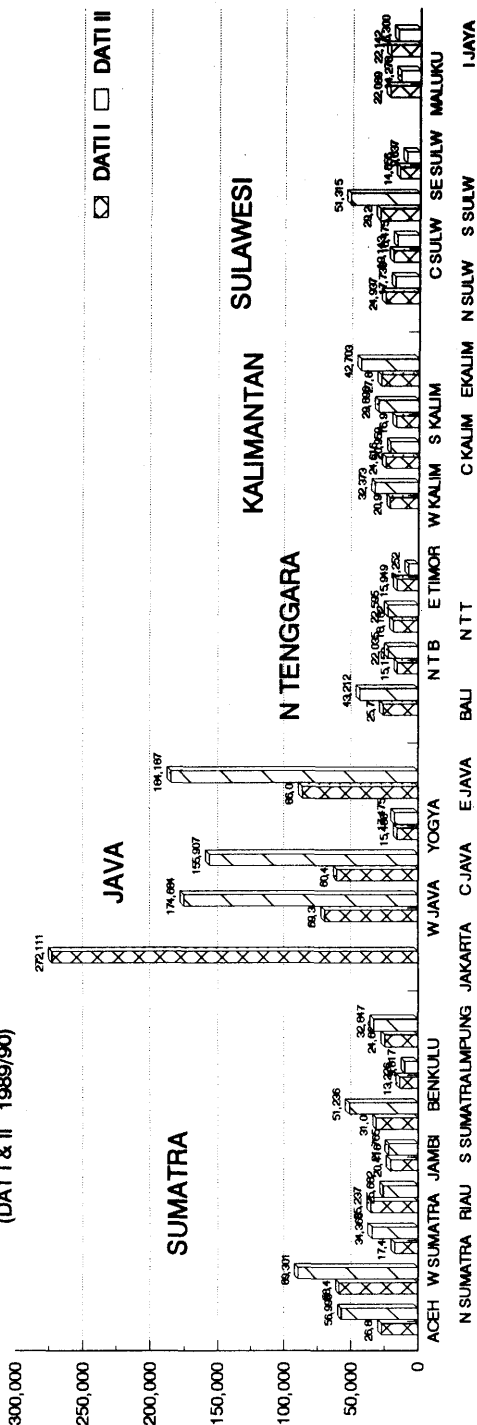


CHART A-29-2

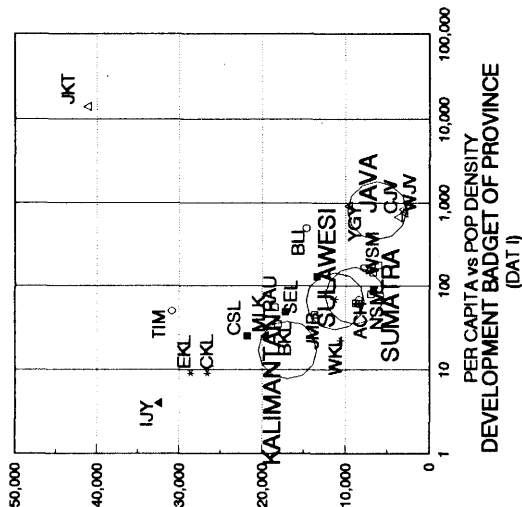
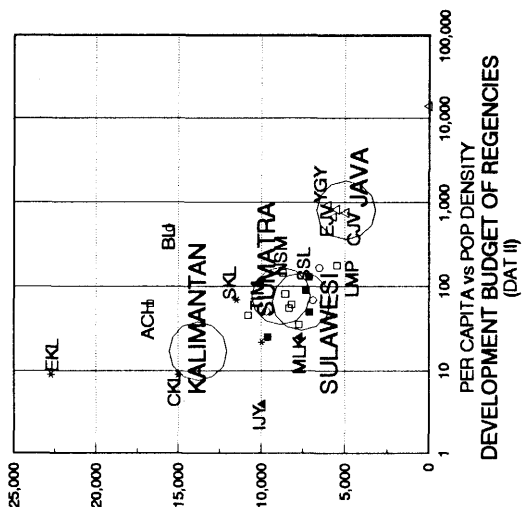


CHART A-29-3



This Section covers the general trends of development budget of Local Government both in Provincial and Regencies (DATI I & DATI II)

--- Scale of Development budget shows outstanding position of Java compared to other regions

-- Chart B & C indicates that scarcely populated regions like Kalimantan and Sulawesi get relatively large percent of per head development budget allocation because of thier pioneering stage and the correlation coefficient index is generally up right.

EDUCATION ATTAINMENT

POPULATION 10 YEARS OF AGE AND OVER BY PROVINCE AND EDUCATIONAL ATTAINMENT (1989)

TABLE A-30

(Unit 100)

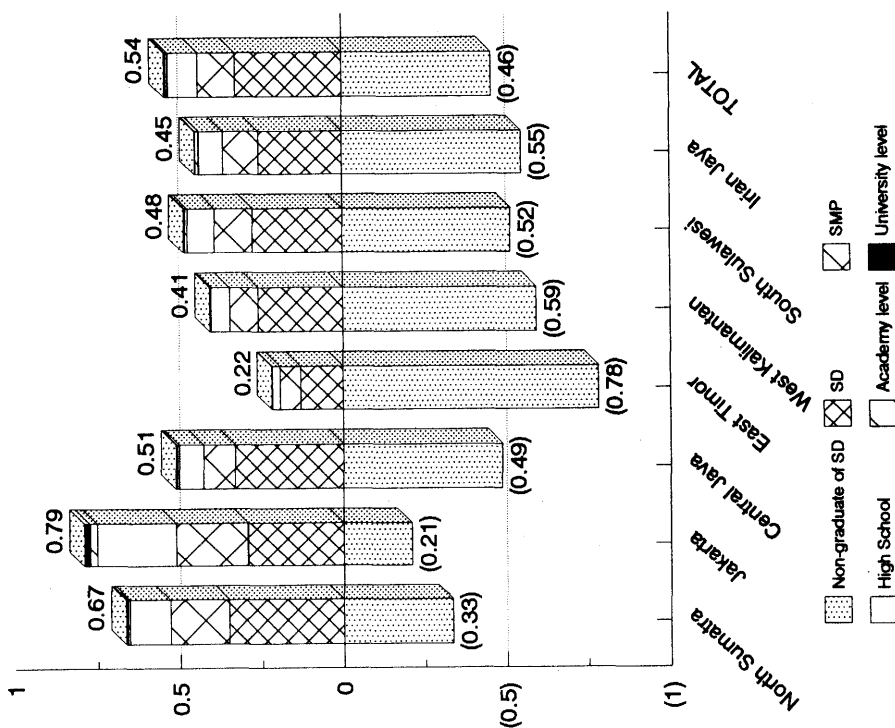
PROVINCE	No School- ing	Not Primary School	Completed Primary School	Junior High School		Senior High School		Diploma I/II	Diploma III	University	TOTAL
				General School	Vocational School	General School	Vocational School				
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1 Aceh	2,430	6,598	8,357	3,005	215	1,864	810	70	74	162	23,585
2 North Sumatra	3,067	21,150	25,381	12,175	789	6,011	2,921	226	294	440	72,454
3 West Sumatra	2,207	9,047	9,376	3,257	871	1,679	1,582	35	227	79	28,360
4 Riau	1,205	5,841	8,300	2,744	298	1,119	713	51	111	110	20,491
5 Jambi	991	5,052	5,845	1,220	172	490	542	11	49	33	14,405
6 South Sumatra	3,112	13,906	16,014	5,137	524	2,470	1,508	106	232	106	43,114
7 Bengkulu	484	3,281	2,605	794	112	296	247	26	16	24	7,884
8 Lampung	4,463	21,159	17,048	4,632	525	2,024	1,538	65	69	88	51,612
SUMATRA	17,960	86,033	92,925	32,962	3,506	15,953	9,862	592	1,072	1,040	261,905
9 Jakarta	2,068	12,307	20,180	13,762	1,286	11,796	4,725	284	1,228	1,196	68,834
10 West Java	29,240	80,688	89,275	21,652	3,360	12,366	8,733	619	1,147	1,086	248,166
11 Central Java	33,419	72,428	71,950	18,064	2,803	9,052	7,046	359	1,186	706	217,012
12 Yogyakarta	5,444	5,650	6,678	3,035	240	1,851	1,358	83	318	297	24,954
13 East Java	54,676	80,755	76,702	19,210	3,652	10,372	8,006	344	683	947	255,348
JAVA	124,847	251,827	264,786	75,723	11,341	45,438	29,869	1,689	4,562	4,231	814,314
14 Bali	4,876	6,091	6,305	2,395	71	1,223	814	66	71	143	22,056
15 West Nusa Tenggara	6,583	8,244	5,163	1,384	177	805	514	33	75	40	23,018
16 East Nusa Tenggara	3,893	9,564	7,453	1,468	200	533	679	41	62	102	23,995
17 East Timor	3,036	932	655	282	39	63	54	11	2	0	5,073
NUSATENGARA	18,388	24,832	19,577	5,529	487	2,624	2,060	151	209	284	74,142
18 West Kalimantan	4,752	8,390	5,729	1,777	137	807	441	15	50	53	22,153
19 Central Kalimantan	600	3,453	3,204	928	140	395	316	6	46	27	9,115
20 South Kalimantan	1,877	7,493	6,276	1,261	414	610	723	22	38	31	18,746
21 East Kalimantan	1,115	4,129	4,352	1,605	232	701	687	113	30	57	13,021
KALIMANTAN	8,343	23,465	19,562	5,572	924	2,514	2,167	157	164	168	63,034
22 North Sulawesi	502	4,860	7,048	3,256	367	1,865	830	92	87	129	19,037
23 Central Sulawesi	1,330	3,660	4,821	1,394	127	536	417	23	70	62	12,440
24 South Sulawesi	10,190	16,700	14,362	5,221	732	2,689	1,618	152	279	231	52,175
25 Southeast Sulawesi	1,798	2,737	2,613	867	101	372	217	13	7	14	8,739
SULAWESI	13,820	27,956	28,844	10,738	1,327	5,463	3,083	279	444	436	92,391
26 Maluku	684	4,182	4,767	1,547	173	570	404	44	37	57	12,465
27 Irian Jaya	2,754	3,192	2,753	995	170	410	398	34	76	33	10,804
OTHERS	3,436	7,374	7,520	2,542	343	980	792	78	113	90	23,270
TOTAL	186,797	421,487	433,213	133,066	17,929	72,971	47,832	2,945	6,565	6,250	1,329,055

Source: Statistical Yearbook of Indonesia 1991 (BPS)

Notes : Figure is the total population of urban and rural area on 1989 November

EDUCATION LEVEL OF SELECTED PROVINCES

CHART A-30
EDUCATION LEVEL



Under Baseline indicates non-graduate of SD

This Section indicates the maturities of the formal education attainment classified by their grade which would be essential to mobilize the ability of human resources for regional development.

- Population of No Schooling or Not Completed Primary School are still high in the average in Indonesia (45%), but have a lot of variations by regions. That is, Jakarta counts only 21%, but West Kalimantan 59%, South Sulawesi 52%, East Timor 78%.

- Graduates of upper than Senior High School level are around 16% in average, but Jakarta enjoys over 29% in contrast with 6.4% of Central Kalimantan.

-Populations who get opportunities to receive the university level education is still very much limited (Only 0.5%) in average, especially the Eastern Parts of Indonesia in including Kalimantan and Irian Jaya.

HEALTH CARE AND WELFARE

PROVINCIAL DISTRIBUTION OF HEALTH RESOURCES, 1987

TABLE A-31

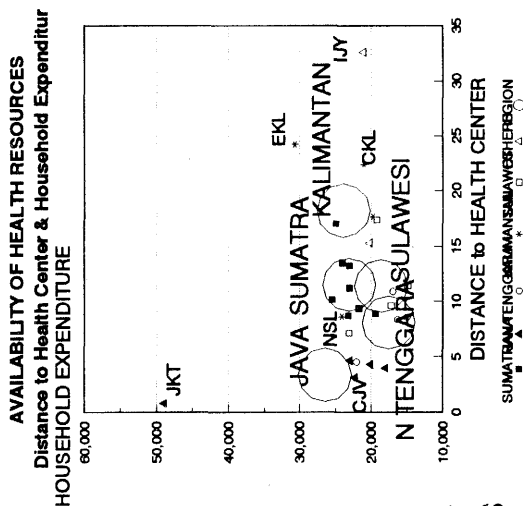
	Hospitals /a	Health Centers	Subcenter	POSYANDU	Household
	Beds per	Distance	Distance	Distance	Expenditure
	1000 psn	(km)	(km)	(km)	per Capita
	Doctors	Doctors	Doctors		
	per Bed	per Center	per Center		
1 Aceh	0.46	11.27	1.04	6.27	3.90
2 North Sumatra	1.08	8.75	1.04	4.79	2.00
3 West Sumatra	0.61	10.21	1.03	5.71	2.00
4 Riau	0.50	17.09	1.03	8.82	4.80
5 Jambi	0.39	13.28	0.96	7.11	4.00
6 South Sumatra	0.62	13.54	1.02	8.45	3.30
7 Bengkulu	0.31	9.41	1.03	5.48	2.80
8 Lampung	0.18	8.89	0.99	5.95	1.50
SUMATRA	0.52	11.56	1.02	6.57	3.04
9 Jakarta	1.24	0.82	1.78	0.00	0.20
10 West Java	0.26	4.66	1.00	3.95	0.80
11 Central Java	0.43	4.00	0.98	3.08	0.60
12 Yogyakarta	0.81	3.18	1.02	1.95	0.50
13 East Java	0.43	4.31	0.89	3.54	0.70
JAVA	0.63	3.39	1.13	2.50	0.56
14 Bali	0.70	4.54	1.26	2.34	0.70
15 West Nusa Tenggara	0.22	8.40	1.10	4.67	1.60
16 East Nusa Tenggara	0.47	10.95	0.50	5.98	2.90
17 East Timor	0.70	8.60	0.69	6.71	2.80
NUSATENGGA	0.52	8.12	0.89	4.93	2.00
18 West Kalimantan	0.45	17.70	0.79	9.61	6.60
19 Central Kalimantan	0.41	22.37	0.77	10.66	7.30
20 South Kalimantan	0.53	8.68	0.53	5.56	3.10
21 East Kalimantan	0.96	24.20	0.74	15.36	7.70
KALIMANTAN	0.59	18.24	0.71	10.30	6.18
22 North Sulawesi	0.97	7.16	1.03	3.48	1.60
23 Central Sulawesi	0.54	17.43	1.01	7.15	4.70
24 South Sulawesi	0.50	9.66	0.83	5.41	2.00
25 Southeast Sulawesi	0.60	11.47	0.85	6.24	2.80
SULAWESI	0.65	11.43	0.93	5.57	2.78
26 Maluku	0.82	15.32	0.67	9.25	5.00
27 Irian Jaya	0.96	32.64	0.35	20.23	13.60
OTHERS	0.89	23.98	0.51	14.74	9.30
TOTAL	0.60	11.43	0.92	6.58	3.31

Sources: Ministry of Health and World Bank staff estimates
Source: "Indonesia: strategy for a sustained reduction in poverty" World Bank country report 1990 p.97

Note: /a Data for 1985

The availability of hospital beds in Indonesia averages only around 0.6 per 1000 population.
This ranks Indonesia among the lowest of all developing countries regardless of income level.
It amounts to only about one-quarter the ASEAN average and less than three-quarters the average provision in poor low-income countries

CHART A-31-1

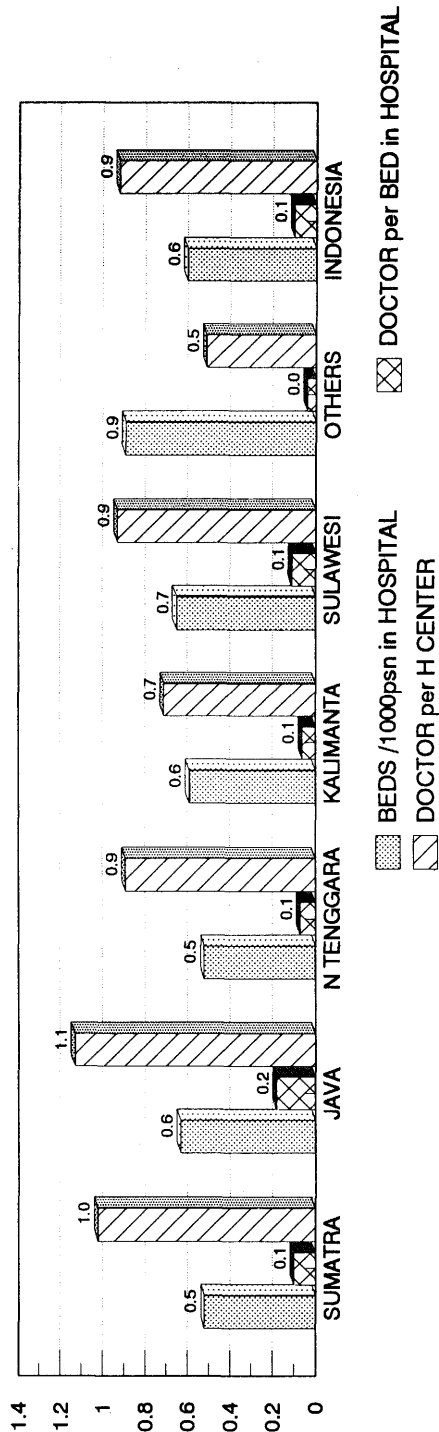


HEALTH CARE LEVEL OF REGION

This Section illustrates the general condition of health care facilities which consists of major indicators of welfare level of the local people.

- Chart A shows the cross matrix of Household expenditures and the distance to good health care facilities for local people.
- Jakarta enjoys exceptional good with portion relatively high income level and health support facilities within the near distance.
- Java can get rather good health care from various facilities, but Kalimantan, Irian Jaya and other underdeveloped areas are very difficult to approach them (See Chart C)
- Number of beds and doctors per persons are comparatively evenly distributed, but still very low according to international standard.

CHART A-31-2
FACILITY LEVEL OF HEALTH MAINTENANCE
HOSPITAL AND DOCTOR



RURAL DEVELOPMENT

EVALUATION OF VILLAGE DEVELOPMENT LEVEL BY PROVINCE

TABLE A-32

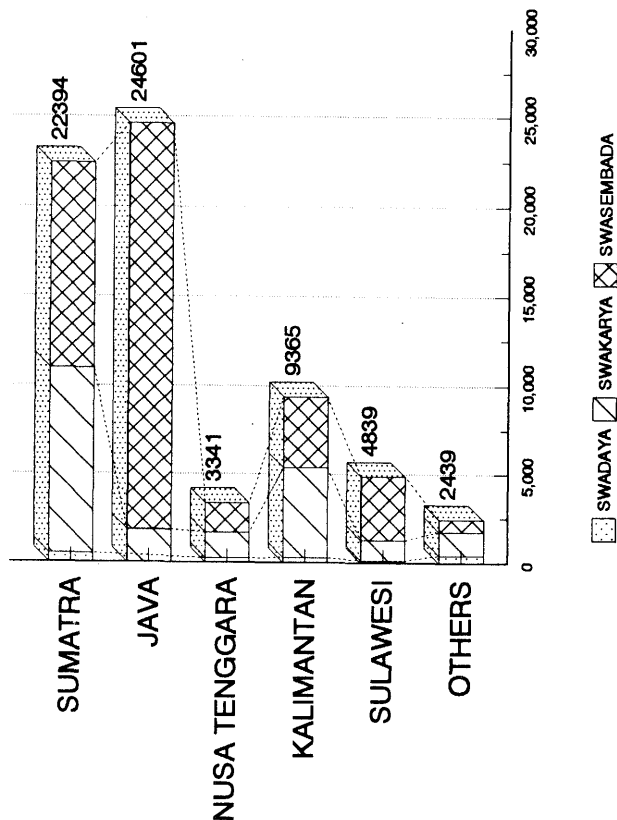
PROVINCE	Number of Villages	SWADAYA		SWAKARYA		SWASEMBADA	
		Number	(%)	Number	(%)	Number	(%)
1 Aceh	5,463	25	0.46	3,588	65.68	1,850	33.86
2 North Sumatra	5,665	264	4.66	2,772	48.93	2,629	46.41
3 West Sumatra	3,544	106	2.99	1,239	34.96	2,199	62.05
4 Riau	1,136	15	1.32	599	52.73	522	45.95
5 Jambi	1,369	9	0.66	605	44.19	755	55.15
6 South Sumatra	2,515	5	0.20	897	35.67	1,613	64.14
7 Bengkulu	1,083	42	3.88	358	33.06	683	63.07
8 Lampung	1,619	50	3.09	391	24.15	1,178	72.76
SUMATRA	22,394	516	2.30	10,449	46.66	11,429	51.04
9 Jakarta	265	0	0.00	0	0.00	265	100.00
10 West Java	7,063	0	0.00	1,073	15.19	5,990	84.81
11 Central Java	8,457	0	0.00	400	4.73	8,057	95.27
12 Yogyakarta	438	0	0.00	0	0.00	438	100.00
13 East Java	8,378	0	0.00	362	4.32	8,016	95.68
JAVA	24,601	0	0.00	1,835	7.46	22,766	92.54
14 Bali	612	0	0.00	0	0.00	612	100.00
15 West Nusa Tenggara	564	0	0.00	134	23.76	430	76.24
16 East Nusa Tenggara	1,723	9	0.52	1,142	66.28	572	33.20
17 East Timor	442	249	56.33	150	33.94	43	9.73
NUSATENGARA	3,341	258	7.72	1,426	42.68	1,657	49.60
18 West Kalimantan	4,690	19	0.41	3,255	69.40	1,416	30.19
19 Central Kalimantan	1,153	216	18.73	442	38.33	495	42.93
20 South Kalimantan	2,415	0	0.00	655	27.12	1,760	72.88
21 East Kalimantan	1,107	67	6.05	710	64.14	330	29.81
KALIMANTAN	9,365	302	3.22	5,062	54.05	4,001	42.72
22 North Sulawesi	1,375	21	1.53	335	24.36	1,019	74.11
23 Central Sulawesi	1,302	39	3.00	400	30.72	863	66.28
24 South Sulawesi	1,405	22	1.57	300	21.35	1,083	77.08
25 Southeast Sulawesi	757	52	6.87	100	13.21	605	79.92
SULAWESI	4,839	134	2.77	1,135	23.46	3,570	73.78
26 Maluku	1,511	67	4.43	808	53.47	636	42.09
27 Irian Jaya	928	365	39.33	504	54.31	59	6.36
OTHERS	2,439	432	17.71	1,312	53.79	695	28.50
TOTAL	66,979	1,642	2.45	21,219	31.68	44,118	65.87

Source: Lmapiran Pidato Kenegaraan President, 1991. p.XIV-12

LEVEL OF RURAL DEVELOPMENT

CHART A-32

VILLAGES DEVELOPMENT LEVEL
Swadaya / Swakarya / Swasembada



This Section describes the development level of villages which is classified by the government into Swadaya(Not Selfsufficient), Swakarya(Half Selfsufficient) and Swasembada(Self sufficient). This classification is not always realistic particularly in developing development level of villages, although it still could be used as one of the standards.

- Among the total 66,979 number of villages, Swadaya villages occupies 3%, Swakarya 32% and Swasembada 66% respectively, but the shares of them are very different by provinces.
- Java is blessed with over 90% being categorized as Swasembada, but Kalimantan shares only 30%, Irian Jaya 7% respectively.
- Sumatra shows secondary level of development which holds 46% of Swakarya and 51% of Swasembada villages.
- Sulawesi enjoys the rather high standard level of development which is evidenced by 74% of Swasembada villages.