

インドネシア共和国

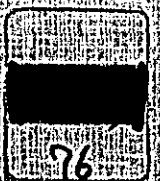
中東部ジャワ道路改良計画

フィージビリティ調査報告書

添付資料

昭和51年10月

国際協力事業団



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インドネシア共和国

中東部ジャワ道路改良計画

フィージビリティ調査報告書

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目 次

1. 補足説明

IV a	フレーター法の説明	1
VI a	インドネシアの幾何構造設計基準	2-4
VI b	大型車の乗用車換算係数	5-6
VI c	既設橋梁耐用年数評価分類 判定基準	7-13
VI d	舗装設計法の比較	14
VI e	浸透式マカダム舗装とアスファルトコンクリート舗装の比較.....	15-16
VI f	アスファルトコンクリート舗装の段階施工法と一括施工法との比較	17-18
VII a	運転経費節約費計算のためのプログラムのフローチャート	19

2. 付 表

第1部： 第III章用

Table IIIA-1	- 8	FOR SECTION 1, GENERAL OBSERVATION ON REGIONAL ECONOMY OF THE STUDY AREA		III-1	- 7
Table IIIA-9	- 23	FOR SECTION 2, ACTUAL STATUS AND FEATURES OF INDUSTRIES IN JAVA		III-8	- 24
Table IIIA-24	- 36	FOR SECTION 3, FUTURE OUTLOOK ON JAVA ECONOMY		III-25	- 35
Table IIIB-1	- 60	FOR SECTION 4, DEMAND AND SUPPLY FORECAST FOR MAIN COMMODITIES		III-36	- 82
Table IIIC-1	- 20	FOR SECTION 4, DEMAND AND SUPPLY FORECAST FOR MAIN COMMODITIES SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION ON PROJECT AREA		III-83	-102
Table IIID-1	- 3	PROJECTION OF POPULATION BY KABUPATEN		III-103	-105
Table IIIE-1	- 60	FORECAST ON SURPLUS AND DEFICIT OF MAIN COMMODITY BY KABUPATEN		III-106	-165
Table IIIF-1	- 20	COMMODITY-WISE IMPORT/EXPORT BALANCE BY PORT IN JAVA		III-166	-185

第2部：第IV章，第2節，交通予測用

Table IVA		COMPUTER OUT-PUT		
Table IVA-1	- 2	ASSIGNED TRAFFIC VOLUME ON PRESENT NETWORK	IV-1	- 6
Table IVA-3	- 4	ASSIGNED TRAFFIC VOLUME ON FUTURE NETWORK	IV-7	- 12
Table IVB		ANNUAL AVERAGE DAILY TRAFFIC		
Table IVB-1	- 4	PLAN I	IV-13	- 18
Table IVB-5	- 8	PLAN II	IV-19	- 21
Table IVC		TRAFFIC ASSIGNMENT		
Table IVC-1	- 5	PLAN I	IV-22	- 26
Table IVC-6	- 8	PLAN II	IV-27	- 29
Table IVC-9	- 10	WITHOUT BETTERMENT	IV-30	- 31

第3部：第V章，第5節，土質概況用

Table VA		LOCATION MAP AND BORING LOG OF 5 MAJOR BRIDGE SITES	V-1	- 7
----------	--	---	-----	-----

第4部：第VI章，第4節，工費概算用

Table VIA-1		CONSTRUCTION COST BY YEAR	VI-1	- 3
Table VIA-2		CONSTRUCTION COST ON SEGMENT	VI-4	- 25
Table VIA-3		COST ON EACH ITEM OF EXPENDITURE ON ROUTE AND SEGMENT	VI-26	- 28
Table VIA-4		CONSTRUCTION COST BY YEAR, CONSIDERING THE EFFECTS OF ESCALATION	VI-29	- 37
Table VIB-1		QUANTITY OF CONSTRUCTION WORK	VI-38	- 51
Table VIB-2		REQUIRED AMOUNT OF MATERIAL	VI-52	- 62
Table VIB-3		REQUIRED AMOUNT OF LABOR	VI-63	- 73
Table VIB-4		REQUIRED AMOUNT OF EQUIPMENT	VI-74	- 84

第5部：第VI章用

Table VIIA	FOR SECTION 2, ASSESSMENT OF BENEFITS VEHICLE OPERATING COST WITHOUT BETTERMENT & WITH BETTERMENT		
Table VIIA-1 - 21	PLAN I	VII-1	- 21
Table VIIA-22 - 42	PLAN II	VII-22	- 42
Table VIIB	FOR SECTION 4, COST/BENEFITS ANALYSIS COST BENEFIT ANALYSIS & INTERNAL RATE OF RETURN		
Table VIIB-1 - 24	PLAN I	VII-43	- 66
Table VIIB-25 - 49	PLAN II	VII-67	- 89

1. 補足説明

Na フレーター法 (Fratar Method) の説明

反復近似計算によって分布交通量を推定する方法である。

この方法は、合衆国の T. J. Fratar が開発したので、フレーター法と呼ばれる。

基本的な考え方は次のような式で表現される。

$$T'_{ij} = T_{ij} \times F_i \times F_j \times \frac{L_i + L_j}{2}$$

$$\sum_j T_{ij} = T'_{i}$$

$$F_i = T_i / T'_{i}$$

$$(x=1 \dots\dots n; x \neq i)$$

$$L_i = \sum_x T_{ix} / \sum_x (T_{ix} \times F_x)$$

ただし、ここで T_i : i ゾーンの予定(将来)トリップエンド数

T'_{i} : モデルパターンの i ゾーンのトリップエンド数

T'_{ij} : 第1回修正の i ゾーンのトリップエンド数

T_{ij} : i, j ゾーン間分布交通量(モデルパターンの)

F_i : i ゾーンの修正係数(第1回)

F'_{i} : i ゾーンの修正係数(第2回)

L_i : ロケーションファクターと呼ばれ、ゾーン i に対する他の全ゾーン
(x)の影響力の加重平均値の逆数

この修正計算によって、コントロール・トータルに一致するまでくり返し行なう。完全に一致することはないので、適当な目標を設定し、計算を完了させる。

このフレーター法は引力モデル法の一変形である。

又、フレーター法は平均倍率法、デトロイト法、フレーター法と比べると収束度がきわめて早いので、最近は多く採用されている。

Via インドネシアの幾何構造設計基準

Standard Specification for Geometric Design of Rural Highway (No.13/1970 Bina Marga)

Standard Specification for Geometric Design of Rural Highway (No.13/1970 Bina Marga) は rural area について決められたものである。本調査で提案した Substandardはこの原 standard の体系にもとづいて rural(地方部) suburban (準都市部) 及び urban area (都市部) に適用するものである。

参考に、原 standard の主な表2つを添付した。

表 VI a-1 インドネシアの幾何構造基準

Highway Classification	Main Roads I			Secondary Roads IIB			IIC			Feeder Roads III			
	F	R	M	F	R	M	F	R	M	F	R	M	
Average Daily traffic in P.C.U.		20,000		6,000 - 20,000		1,500 - 8,000		2,000					
Design Speed (Km/h)	120	100	80	100	80	60	80	60	40	60	40	30	
Minimum R.O.W. Width (m)	60	60	60	40	40	40	30	30	30	30	20	20	
Carriageway Width (m)	Min. 2x(2x3.75)			2 x 3.50 or 2 x (2 x 3.50)			2 x 3.50			2 x 3.0			3.50 - 6.00
Min. Median Width (m)	10			1.50 **									
Shoulder Width (M)	3.50	3.00	3.00	3.00	2.50	2.50	3.00	2.50	2.50	2.50	1.50	1.50 - 2.50*	
Pavement Cross - Slope	2%			2%			2%			2%	3%	4%	
Shoulder Cross - Slope	4%			4%			6%			6%	6%	6%	
Type of Surfacing	Asphalt Concrete (Hotmix)			Asphalt Concrete			Double penetration or equivalent			Single penetration			Prime & Seal
Max. Superelevation	10%			10%			10%			10%		10%	
Min. Radius (m)	560	350	210	350	210	115	210	115	50	115	50	30	
Max.	3%	5%	6%	4%	6%	7%	5%	7%	8%	6%	10%	8%	12%

* According local conditions

** For 4 lanes

F = Flat
R = Rolling
M = Mountainous

表 1 a - 2 インドネシアの線形設計基準

Design Speed (K p. h.)	Stopping Sight Distance (m)	Passing Sight Distance (m)	Min. radius for Curves not requiring Superelevation (m)	Min. Radius for Curves not requiring Transition Curves (m)	Max. Relative Slope between profiles of edge of 2-lane Pavement & Center Line
120	225	790	3000	2000	$\frac{1}{280}$
100	165	670	2300	1500	$\frac{1}{240}$
80	115	520	1600	1100	$\frac{1}{200}$
60	75	380	1000	700	$\frac{1}{160}$
50	55	220	660	440	$\frac{1}{140}$
40	40	140	420	300	$\frac{1}{120}$
30	30	80	240	180	$\frac{1}{100}$

VI b 大型車の乗用車換算係数

大型車があるサービス水準において、勾配区間では、道路の交通容量を減少させる原因は、大型車と乗用車との走行速度に差があるためである。走行速度差が大きいほど、サービス交通量の減少はますます著しくなり、その結果、乗用車換算係数はそれに 応じて増大する。

しかし、サービス水準が低く、交通量が可能交通容量に近づくと乗用車の走行速度は大型車の走行速度に支配されるが、車頭間隔が狭くなるためサービス水準が高いときより大型車の乗用車換算係数は小さくなる。また、大型車の混入率が増大すると、車両の相対的速度差が少なくなり、乗用車換算係数は小さくなる。

日本では、交通量調査の結果より次の表に示す換算係数を得ている。

この調査では、サービス水準を H. C. M. のそれより低い水準を想定していること、大型車の混入率が比較的多く 20%であることを考慮して、日本の道路構造令の換算係数を参考にして、大型車の乗用車換算係数は次の値を使用する。

平地部 (Flat Terrain)	:	2
丘陵部 (Hilly Terrain)	:	4
山地部 (Mountainous Terrain)	:	5

なお、H. C. M. によると、2車線道路で、サービス水準D及びEの場合、次のように指示されている。

平地部 (Flat Terrain)	:	2
丘陵部 (Hilly Terrain)	:	5
山地部 (Mountainous Terrain)	:	12

表 Vb-1 大型車の乗用車換算係数

勾配	勾配延長 (km)	2車線道路 (大型車混入率 %)					2車線道路 (大型車混入率 %)				
		10	30	50	70	90	10	30	50	70	90
3%以下		2.1	2.0	1.9	1.8	1.7	1.8	1.7	1.7	1.7	1.7
4%	0.2	2.8	2.6	2.5	2.3	2.2	2.4	2.3	2.2	2.2	2.2
	0.4	2.8	2.7	2.6	2.4	2.3	2.4	2.4	2.3	2.3	2.2
	0.6	2.9	2.7	2.6	2.4	2.3	2.5	2.4	2.3	2.3	2.3
	0.8	2.9	2.7	2.6	2.5	2.4	2.5	2.4	2.4	2.3	2.3
	1.0	2.9	2.8	2.7	2.5	2.4	2.5	2.4	2.4	2.4	2.3
	1.2	3.0	2.8	2.7	2.5	2.4	2.6	2.5	2.4	2.4	2.4
	1.4	3.0	2.8	2.7	2.5	2.4	2.6	2.5	2.4	2.4	2.4
	1.6	3.0	2.9	2.8	2.6	2.5	2.6	2.5	2.5	2.4	2.4
5%	0.2	3.2	3.0	2.8	2.7	2.6	2.7	2.6	2.6	2.6	2.5
	0.4	3.3	3.1	2.9	2.8	2.7	2.9	2.7	2.7	2.7	2.6
	0.6	3.4	3.2	3.0	2.8	2.7	2.9	2.8	2.7	2.7	2.7
	0.8	3.5	3.2	3.0	2.9	2.8	3.0	2.9	2.8	2.8	2.7
	1.0	3.5	3.3	3.1	2.9	2.8	3.0	2.9	2.8	2.8	2.8
	1.2	3.6	3.4	3.1	3.0	2.9	3.1	3.0	2.9	2.9	2.8
	1.4	3.6	3.4	3.2	3.0	2.9	3.1	3.0	2.9	2.9	2.8
	1.6	3.7	3.4	3.2	3.1	2.9	3.2	3.0	3.0	2.9	2.9
6%	0.2	3.4	3.2	3.0	2.8	2.7	2.9	2.8	2.7	2.7	2.7
	0.4	3.5	3.3	3.1	3.0	2.9	3.1	2.9	2.9	2.8	2.8
	0.6	3.7	3.5	3.3	3.1	3.0	3.2	3.1	3.0	3.0	2.9
	0.8	3.8	3.6	3.4	3.2	3.1	3.3	3.2	3.1	3.0	3.0
	1.0	3.9	3.6	3.4	3.3	3.1	3.3	3.2	3.1	3.1	3.1
	1.2	4.0	3.7	3.5	3.3	3.2	3.4	3.3	3.2	3.2	3.1
	1.4	4.1	3.8	3.6	3.4	3.3	3.5	3.4	3.3	3.2	3.2
	1.6	4.1	3.9	3.7	3.5	3.3	3.6	3.4	3.3	3.3	3.3
7%	0.2	3.5	3.3	3.1	2.9	2.8	3.0	2.9	2.8	2.8	2.8
	0.4	3.7	3.5	3.3	3.1	3.0	3.2	3.1	3.0	3.0	2.9
	0.6	3.9	3.6	3.4	3.3	3.1	3.4	3.2	3.1	3.1	3.1
	0.8	4.0	3.8	3.5	3.4	3.2	3.5	3.3	3.3	3.2	3.2
	1.0	4.2	3.9	3.7	3.5	3.3	3.6	3.4	3.4	3.3	3.3
	1.2	4.3	4.0	3.8	3.6	3.5	3.7	3.5	3.5	3.4	3.4
	1.4	4.5	4.2	3.9	3.7	3.6	3.8	3.7	3.6	3.6	3.5
	1.6	4.6	4.3	4.0	3.8	3.7	3.9	3.8	3.7	3.7	3.6

ⅤC 既設橋梁耐用年数評価分類

判定基準

現橋の分類

(1) 分類の区分

現橋を耐用年数及び補強の可能性から判断して次の7区分に分類する。

I : 現橋のまま半永久的に使用可能なもの

II : 10年後に新橋に架け換えるもの

II-1 現橋のまま10年間使用後架け換え

II-2 現橋のまま5年間使用, 5年後に補強, 10年後に架け換え

II-3 直ちに補強を行ない, 10年後に新橋に架け換え

III : 5年後に新橋に架け換えるもの

III-1 現橋のまま5年間使用し, 5年後に架け換え

III-2 直ちに補強を行ない, 5年後に架け換え

IV 直ちに新橋に架け換えるもの

(表 ⅤC-1 参照)

表 ⅤC-1 現橋の耐用年数区分

耐用年数	橋梁区分	1979年	1984年	1989年	1999年
永久	I	現橋のまま			
10年	II-1	現橋のまま		架換	
	II-2	現橋のまま補強		架換	
	II-3	補強	架換		
5年	III-1	現橋のまま架換			
	III-2	補強	架換		
0年	IV	架換			

(注) 現橋の分類は, 推定交通量に見合った巾員ではなく設計荷重によってのみ判定した。

(2) 判定基準

現橋の分類の判定基準は次の通りとする。

1) 割石積み構造 (表MC-2)

流水による損傷

部分的でわずかなもの	(G)
下部工巾の50%以下のもの	(F)
下部工巾の50%以上のもの	(P)

クラック

なし (G) ,	あり	(P)
----	-------------	----	-------	-----

変形又は傾斜

なし (G) ,	あり	(P)
----	-------------	----	-------	-----

2) れんが積み構造 (表MC-3)

流水による損傷

なし	(G)
部分的でわずかなもの	(F)
下部工巾の50%以下のもの	(P)
下部工巾の50%以上のもの	(B)

表面モルタルの脱落

表面の10%以下のもの	(G)
10% ~ 80%のもの	(F)
80%以上のもの	(P)

クラック

なし (G) ,	あり	(P)
----	-------------	----	-------	-----

変形又は傾斜

なし (G) ,	あり	(P)
----	-------------	----	-------	-----

3) パイルベント形式 (表-MC-4)

パイルの腐食

なし (G) ,	あり	(P)
----	-------------	----	-------	-----

4) 木床版I形鋼橋 (表-MC-5)

桁の腐食

さびの発生がわずかなもの	(G)
さびの発生はあるが、一部の桁を除いて腐食が進んでいないもの	(F)
腐食が始まっているが、一部の桁を除いて断面欠損はないもの	(P)
全ての桁について腐食による断面欠損が生じているもの	(B)

5) コンクリート床版 I 形鋼橋 (表- MC-6)

桁の腐食

さびの発生はあるが腐食が進んでいないもの (G)

一部の桁のみ腐食による断面欠損が生じているもの (F)

全ての桁について腐食による断面欠損が生じているもの (P)

コンクリート床版のクラック

なし (G) , あり (P)

6) コンクリート橋 (表- MC-7)

コンクリートの脱落

なし (G) , あり (P)

コンクリートのクラック

なし (G) , あり (P)

7) 鋼トラス橋 (表- MC-8)

部材の腐食

なし

床組及び 2 次部材には腐食はみられるが、主要部材の腐食による断面欠損がないもの
..... (F)

主要部材の腐食による断面欠損があるもの (P)

部材の座屈

なし (G) , あり (P)

上記の判定項目により現橋を表 MC-2 ~ 表 MC-8 を使用して 7 区分に分類する。

更に桁橋又はトラス橋については上部工と下部工の耐用年数の違いにより修正する必要がある。

即ち、上部工、下部工のそれぞれの耐用年数は、互いにより短い耐用年数のものに支配される。

表ⅤC-2 現橋の分類表 (割石積み構造)

割石積み構造							
設計荷重	橋梁現況					補強の可能性	区分
	変形又は傾斜						
	(G)				(P)		
	クラック						
	(G)			(P)			
	損傷						
	(G)	(F)	(P)				
2.75 ton以上	x→	x→	x→	x→	x→	不可	Ⅳ
3.5 ton以上	x→					現況のまま	Ⅰ
		x→				方法 3	Ⅱ-3
			x→			方法 3	Ⅲ-2
				x→	x→	不可	Ⅳ

表ⅤC-3 現橋の分類表 (れんが積み構造)

れんが積み構造											
設計荷重	橋梁現況									補強の可能性	区分
	変形又は傾斜										
	(G)							(P)			
	クラック										
	(G)						(P)				
	表面モルタルの脱落										
	(G)			(F)		(P)					
	損傷				損傷						
(G)	(F)	(P)	(B)	(G)	(F)	(P)	(B)				
2.75 ton 以下	x→	x→	x→	x→	x→	x→	x→	x→	x→	不可	Ⅳ
3.5 ton 以上	x→									現況のまま	Ⅱ-1
		x→								方法 3	Ⅱ-3
			x→		x→					方法 3 及び 4	Ⅲ-2
				x→		x→	x→	x→	x→	不可	Ⅳ

表 VC-4 現橋の分類表 (パイルベント形式)

パイルベント形式					
設計荷重	橋梁現況			補強の可能性	区分
	腐蝕				
	(G)	(P)			
2.75 ton 以下	x→	x→		不可	Ⅳ
3.5 ton	x→			現況のまま	Ⅲ-1
		x→		不可	Ⅳ
5.0 ton 以上	x→			現況のまま	Ⅱ-1
		x→		不可	Ⅳ

表 VC-5 現橋の分類表 (木床版 I 形鋼橋)

木床版 I 形鋼橋						
設計荷重	橋梁現況				補強の可能性	区分
	桁の腐蝕					
	(G)	(F)	(P)	(B)		
2.75 ton 以下	x→	x→	x→	x→	不可	Ⅳ
3.5 ton	x→				方法 2	Ⅱ-2
		x→			方法 1	Ⅲ-2
			x→		方法 1 及び 2	Ⅱ-2
				x→	不可	Ⅳ
5.0 ton 以上	x→				現況のまま	Ⅱ-1
		x→			方法 1	Ⅱ-3
			x→		方法 1 及び 2	Ⅱ-3
				x→	不可	Ⅳ

表 VC-6 現橋の分類表 (コンクリート床版 I 形鋼橋)

コンクリート床版 I 形鋼橋						
設計荷重	橋 梁 現 況				補強の可能性	区 分
	コンクリート床版のクラック					
	(G)			(P)		
	桁 の 腐 蝕					
	(G)	(F)	(P)			
2.75 ton 以下	x→	x→	x→	x→	不 可	Ⅳ
3.5 ton	x→				現 況 の ま ま	Ⅲ-1
		x→			方 法 1	Ⅲ-2
			x→	x→	不 可	Ⅳ
5.0 ton	x→				現 況 の ま ま	Ⅱ-1
		x→			方 法 1	Ⅱ-3
			x→	x→	不 可	Ⅳ
7.0 ton 以上	x→				現 況 の ま ま	Ⅰ
		x→			方 法 1	Ⅱ-3
			x→	x→	不 可	Ⅳ

表 VC-7 現橋の分類表 (コンクリート橋)

コ ン ク リ ー ト 橋					
設計荷重	橋 梁 現 況			補強の可能性	区 分
	コンクリートの脱落				
	(G)		(P)		
	ク ラ ッ ク				
	(G)	(P)			
2.75 ton 以下	x→	x→	x→	不 可	Ⅳ
3.5 ton	x→			現 況 の ま ま	Ⅲ-1
		x→	x→	不 可	Ⅳ
5.0 ton	x→			現 況 の ま ま	Ⅱ-1
		x→	x→	不 可	Ⅳ
7.0 ton 以上	x→			現 況 の ま ま	Ⅰ
		x→	x→	不 可	Ⅳ

表 VC-8 現橋の分類表 (鋼トラス橋)

鋼 ト ラ ス 橋						
設計荷重	橋 梁 現 況				補強の可能性	区 分
	部 材 の 座 屈					
	(G)			(P)		
	部 材 の 腐 蝕					
(G)	(F)	(P)				
2.75 ton 以下	x→	x→	x→	x→	不 可	Ⅳ
3.5 ton	x→				現 況 の ま ま	Ⅲ-1
		x→			方 法 1	Ⅲ-2
			x→	x→	不 可	Ⅳ
5.0 ton 以上	x→				現 況 の ま ま	Ⅱ-1
		x→			方 法 1	Ⅱ-3
			x→	x→	不 可	Ⅳ

(注) 補強の可能性の項の方法 1, 2, 3, は本文に述べた方法である。

VI d 舗装設計法の比較

比較検討は次の3つのstandardについて行った。

- a インドネシア：Guide for Pavement Design (規 04/PP/BM/1974)
- b 日 本：アスファルト 舗装要綱
- c イギリス：Roadmaking materials and Pavement design in tropical and subtropical Countries (Road Research Board Ministry of Transport)

設計条件は何れも次の通りである。

- 交通量：2000台/日及び4000台/日の2ケース
- 大型車混入率：20%
- 交通量伸び率 (r)：3%
- 地域係数 (FR)：1.5
- 舗装サービス指数 (1 P)：2.0
- 路床土の設計CBR：5%

舗装厚は多少の差はあるが

- 2000台/日 36 ~ 41 cm
- 4000台/日 43 ~ 45 cm

表VI d-1 アスファルト舗装設計方法の比較表

		インドネシア		日 本		イギリス	
交通量 台/日		2000	4000	2000	4000	2000	4000
TA換算値 (cm)		注1 19.25	注1 22.0	注2 15.5	注2 22.0	15.1	15.5
舗 装 厚 (cm)	表層基層	5	5	5	5	5	5
	上層路盤	歴青 10 粒調 10	歴青 10 粒調 15	粒調 20	歴青 10 粒調 15	15	15
	下層路盤	11	15	18	15	13	13
	上部路床					8	10
合計 (cm)		36	45	43	45	41	43

注1 アスファルトコンクリート換算値 (cm)

注2 舗装をすべて表層基層用加熱アスファルトコンクリート設計したときの必要厚 (cm)

VI e 浸透式マカダム舗装とアスファルトコンクリート舗装の経済性比較

現在インドネシアにおける代表的な舗装は浸透式マカダムとアスファルトコンクリートである。ここでは、この両者の経済性を比較しその結果に基づき本プロジェクトに採用する舗装種別を決定する。

(1) 比較条件

段階施工方法は浸透式マカダムについてのみ考慮し、舗装の耐用寿命は各段階とも5年とした。舗装幅員は6 mと仮定する。

プロジェクト・スパンは両者共10年とし、リンク毎に必要な舗装厚を算定し、舗装工事費を積算する。

比較は、1975年価格による舗装工事費及び10年間の維持修繕費を1980年を規準年とした時の現在価値について行なわれる。

現在価値に換算するための割引率は年15%とする。

(2) 工事費 維持修繕費の算出

1) 浸透式マカダム舗装

a) 舗装工事費

各リンクの第1段階、第2段階における必要舗装厚は表VI f-1に示す通りである。立方メートル当りの単価は20,000ルピアと仮定する。

各段階毎の舗装工事費は

$$\text{第1段階} \quad C_1 = \text{Rp } 6,447 \times 10^6$$

$$\text{第2段階} \quad C_2 = \text{Rp } 1,932 \times 10^6$$

$$\text{計} \quad C = \text{Rp } 8,379 \times 10^6$$

b) 維持修繕費

年間のKm当りの維持修繕費はRp644,000である。

全リンクの年間維持修繕費は下に示すとおりである。

$$\text{年間維持修繕費} \quad e = \text{Rp } 207 \times 10^6$$

c) 現在価値(1980年)

現在価値Fは下記のように算出される。

$$F = \sum_{n=1}^{10} \frac{e}{(1+i)^n} + C_1 + \frac{C_2}{(1+i)^5}$$

ここに

$$e = \text{Rp } 207 \times 10^6$$

$$C_1 = \text{Rp } 6,447 \times 10^6$$

$$C_2 = \text{Rp } 1,932 \times 10^6$$

したがって

$$F = \text{Rp } 8,446 \times 10^6$$

2) アスファルトコンクリート舗装

a) 舗装工事費

リンク毎の必要舗装厚は表-1に示すとおりである。

アスファルトコンクリートの立方メートル当りの単価はRp 30,000と仮定しこれに基づいて舗装工事費を算出すると

$$\text{舗装工事費 } C_1 = \text{Rp } 6,568 \times 10^6$$

b) 維持修繕費

年間の維持修繕費はKm当りRp 297,000である。

$$\text{年間維持修繕費 } e = \text{Rp } 95 \times 10^6$$

$$\text{プロジェクトスパン内維持修繕費総額 } \text{Rp } 956 \times 10^6$$

c) 現在価値(1980年)

現在価値:(F)は

$$F = \text{Rp } 7,044 \times 10^6$$

(3) 結果と結論

1)と2)の結果を総括すると下表に示すとおりである。

$$\text{浸透式マカダム(A)} \quad \text{Rp } 8,446 \times 10^6$$

$$\text{アスファルトコンクリート(B)} \quad \text{Rp } 7,044 \times 10^6$$

$$\text{差 (A)-(B)} \quad \text{Rp } 1,402 \times 10^6$$

この結果より明らかな様に、アスファルトコンクリート舗装が経済的に有利である。技術的観点からも、アスファルトコンクリートは浸透式マカダムに比べて品質管理及び、施工速度の点で優れている。

従って、本調査における舗装種別は技術的にも経済的にも有利なアスファルトコンクリート舗装を採用する。

VI f アスファルトコンクリート舗装の段階施工法と一括施工法との比較

プロジェクト・スパンを10年とした場合、アスファルトコンクリート舗装の段階施工と一括施工とを経済比較する。工事金額は1975年価格で積算し、比較する。

(1) 設計及び比較条件

段階施工の場合、1段階の舗装耐用寿命は5年とする。

プロジェクト・スパンは、両者共に10年とし、リンク毎に必要な舗装厚を算定し、工事費を算出する。

工事費は“舗装工事費”だけとし、これを比較の対象とする。維持修繕費は両者に共通であるため、考慮しない。

舗装幅員は6mと仮定する。

(2) 工事費の算出

1) 段階施工の場合

リンク毎の必要舗装厚は、表VI f-1に示すとおりである。

アスファルトコンクリートの単価は立方メートル当りRp 30,000と仮定する。

各段階の舗装工事費は、下記に示す通りである。

$$\text{第1段階} \quad C_1 = \text{Rp } 4,986 \times 10^6$$

$$\text{第2段階} \quad C_2 = \text{Rp } 2,318 \times 10^6$$

$$\text{計} \quad C = \text{Rp } 7,304 \times 10^6$$

2) 一括施工の場合

リンク毎の必要舗装厚は表VI f-1に示される。

舗装工事費は：Rp 6,568 × 10⁶

3) 結果と結論

上記の結果を記すと下記のようなになる。

$$\text{段階施工} \quad \text{Rp } 7,304 \times 10^6$$

$$\text{一括施工} \quad \text{Rp } 6,568 \times 10^6$$

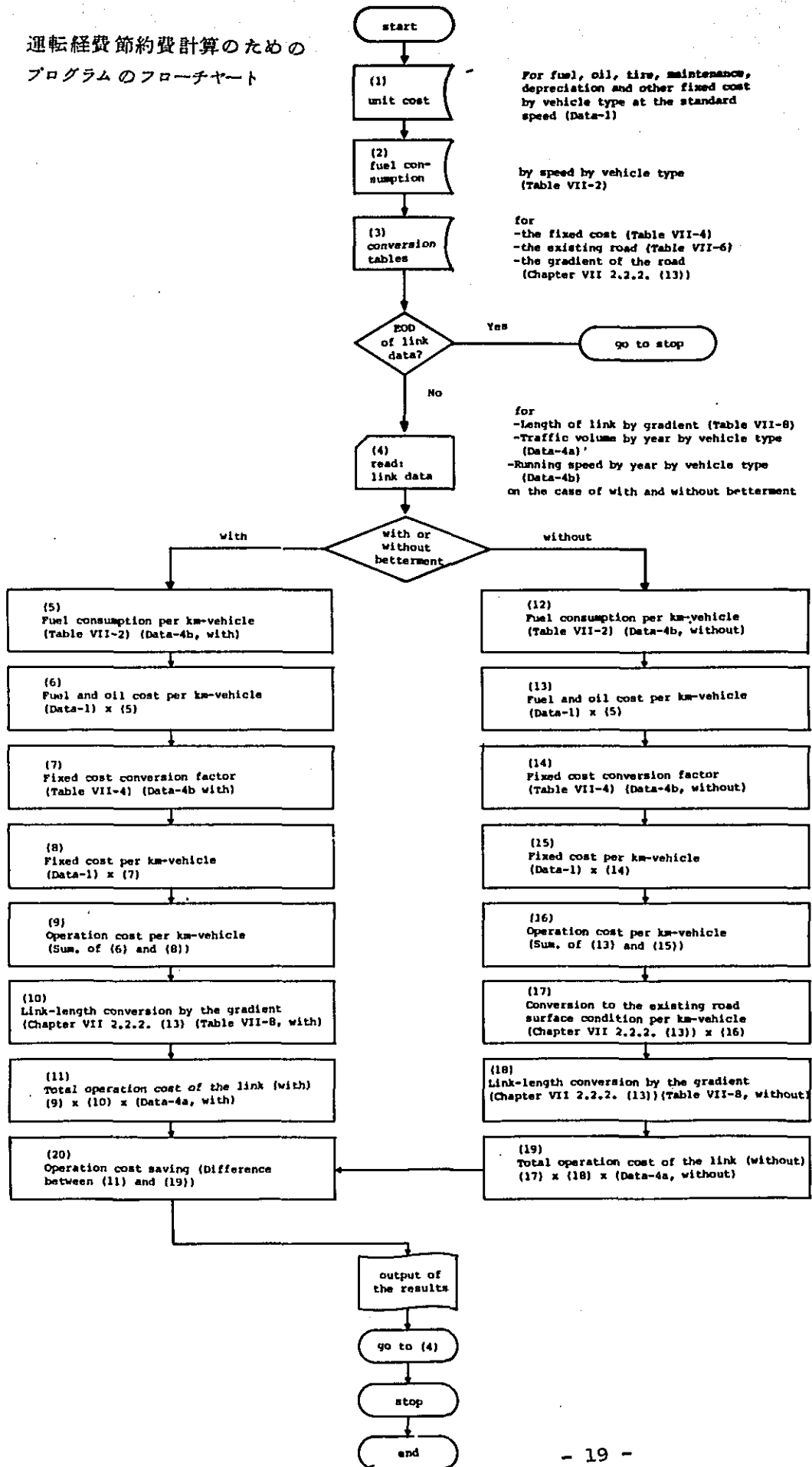
$$\text{差} \quad \text{Rp } 736 \times 10^6$$

総工事費において、一括施工が有利な事は上記より明らかである。段階施工が採用された場合、計上されていない2度目の設備投資、入札手続、間接工事費が必要である。したがって、一括施工が段階施工より経済的である。

表 VI f - 1 各リンクの必要舗装厚

Link No.	Distance (km)	Penetration Macadam				Asphalt Concrete				Asphalt Concrete					
		1st Stage Work		2nd Stage Work		1st Stage Work		2nd Stage Work		Non Staged Thickness (cm)	Const. Volume (m ³)				
		Thickness (cm)	Volume (m ³)	Thickness (cm)	Volume (m ³)	Thickness (cm)	Volume (m ³)	Thickness (cm)	Volume (m ³)						
212	8.5	19	9,690	5	2,550	10	5,100	4	2,040	12	6,120				
214	18.7	14	15,708	5	5,610	7	7,854	4	4,488	10	11,220				
108	30.8	22	40,656	5	9,240	11	20,328	4	7,392	14	25,872				
107	17.1	22	22,572	5	5,130	11	11,286	4	4,104	13	13,338				
110	12.0	22	15,840	5	3,600	11	7,920	4	2,880	13	9,360				
109	8.1	20	9,720	5	2,430	10	4,860	4	1,944	12	6,318				
203	21.3	22	28,116	5	6,390	11	14,058	4	5,112	13	16,614				
217	0.8	23	1,104	5	240	12	576	4	192	14	672				
111a	10.7	23	14,766	5	3,210	12	7,704	4	2,568	14	8,988				
112	5.75	28	9,660	5	1,725	14	4,830	4	1,380	16	5,520				
219	6.65	20	7,980	5	1,995	10	3,990	4	1,596	12	4,788				
221	4.75	23	6,555	5	1,425	12	3,420	4	1,140	14	3,990				
210	20.1	13	15,678	5	6,030	7	8,442	4	4,824	10	12,060				
123	7.1	13	5,538	5	2,130	7	2,982	4	1,704	10	4,260				
127	13.9	13	10,842	5	4,170	7	5,838	4	3,336	10	8,340				
128	18.3	15	16,470	5	5,490	7	7,686	4	4,392	10	10,980				
148	52.0	13	40,560	5	15,600	7	21,840	4	12,480	10	31,200				
150	31.3	14	26,292	5	9,390	7	13,146	4	7,512	10	18,780				
152	34.2	12	24,624	5	10,260	7	14,364	4	8,208	10	20,520				
Total	322.05		322,371		96,615		166,224		77,292		218,940				
Pavement Construction Cost (Rp x 10 ⁶)		6,447.42				1,932.3				4,986.72		2,318.76		6,568.2	

VI a 運転経費節約費計算のための
プログラムのフローチャート



2. 付 表

第 1 部：第Ⅲ章用

App. Table III A

Table IIIA-1	- 8	FOR SECTION 1, GENERAL OBSERVATION ON REGIONAL ECONOMY OF THE STUDY AREA	
Table IIIA-1		PRODUCTION OF SELECTED FOODCROPS	III-1
Table IIIA-2		PRODUCTION OF SELECTED ESTATES/CASH CROPS ¹⁾	III-2
Table IIIA-3		PRODUCTION OF OIL/GAS AND NON-OIL MINERALS	III-3
Table IIIA-4		PRODUCTION OF SELECTED INDUSTRIAL GOODS	III-4
Table IIIA-5		BALANCE OF TRADE	III-4
Table IIIA-6		GROSS DOMESTIC PRODUCT AT CURRENT MARKET PRICES AND AT 1960 MARKET PRICES	III-5
Table IIIA-7		GROSS REGIONAL DOMESTIC PRODUCT IN JAVA AT CURRENT MARKET PRICE (1971)	III-6
Table IIIA-8		PERCENTAGE OF ADDED VALUE BY INDUSTRY IN GRDP (JAVA) (1971)	III-7
Table IIIA-9	- 23	FOR SECTION 2, ACTUAL STATUS AND FEATURES OF INDUSTRIES IN JAVA	
Table IIIA-9		PRODUCTION OF MAJOR CROPS IN JAVA (1971)	III-8
Table IIIA-10		LAND UNILIZATION IN JAVA (1971)	III-9
Table IIIA-11		PRODUCTION OF SELECTED FOODCROPS IN JAVA	III-9
Table IIIA-12		HARVESTED AREA AND PRODUCTION OF MAJOR FOODCROPS IN JAVA (1971)	III-10
Table IIIA-13		PRODUCTION OF SELECTED ESTATES/CASH CROPS ¹⁾ IN JAVA (1971)	III-11
Table IIIA-14		PRODUCTION OF SELECTED NON-FOOD CROPS IN JAVA (1971)	III-12
Table IIIA-15		PRODUCTION OF LIVESTOCKS, EGGS AND MILK IN JAVA (1972)	III-13
Table IIIA-16		PRODUCTION OF FRESH FISH (1972)	III-14
Table IIIA-17		PRODUCTION OF CRUDE OIL IN JAVA	III-14

Table IIIA-18	PRODUCTION OF SELECTED MANUFACTURING PRODUCTS IN JAVA (1972)	III-15
Table IIIA-19	NUMBER OF LARGE & MEDIUM MANUFACTURING ESTABLISHMENTS (1971)	III-16
Table IIIA-20	DOMESTIC SUPPLY AND CONSUMPTION OF MAJOR COMMODITIES IN JAVA (1972)	III-17
Table IIIA-21(a)	CARGOES LOADED OUT OF JAVA (FOREIGN EXPORT)	III-18
Table IIIA-21(b)	CARGOES LOADED OUT OF JAVA (INTERINSULAR)	III-19
Table IIIA-22(a)	CARGOES DISCHARGED INTO JAVA (FOREIGN IMPORT)	III-20
Table IIIA-22(b)	CARGOES DISCHARGED INTO JAVA (INTERINSULAR)	III-21
Table IIIA-23(a)	OUTGOING/INCOMING CARGOES BY MAIN PORTS IN JAVA	III-22
Table IIIA-23(b)	OUTGOING/INCOMING CARGOES BY MAIN PORTS IN JAVA	III-23
Table IIIA-23(c)	OUTGOING/INCOMING CARGOES BY MAIN PORTS IN JAVA	III-24
Table IIIA-24 - 36	FOR SECTION 3, FUTURE OUTLOOK ON JAVA ECONOMY	
Table IIIA-24	PROJECTED GROSS DOMESTIC PRODUCT (Repelita II)	III-25
Table IIIA-25	PROJECTED PRODUCTION OF SELECTED CROPS (1974 - 78)	III-26
Table IIIA-26	PROJECTED PRODUCTION OF MINERALS	III-27
Table IIIA-27	PROJECTED PRODUCTION OF SELECTED MANUFACTURING PRODUCTS (1974/75 - 1978/79)	III-27
Table IIIA-28	PROJECTED GROSS DOMESTIC PRODUCT AND INVESTMENT (Repelita II)	III-28
Table IIIA-29	GOVERNMENT BUDGET (Repelita II)	III-29
Table IIIA-30	PROJECTED EXPORT/IMPORT (1974/75 - 1978/79)	III-30

Table IIIA-31	PROJECTED BALANCE OF PAYMENT (Repelita II)	III-31
Table IIIA-32	POPULATION, ROWTH AND DENSITY FOR INDONESIA, AND JAVA BY PROVINCES, 1961 AND 1971	III-32
Table IIIA-33	POPULATION PROJECTIONS FOR JAVA (Urban and Rural) BY PROVINCES, 1975, 1980, 1985, 1990 AND 1995	III-33
Table IIIA-34	ESTIMATED POPULATION DENSITY FOR INDONESIA AND JAVA BY PROVINCES, (1975 - 1995)	III-34
Table IIIA-35	ECONOMIC GROWTH INDICATOR (Past Performance)	III-34
Table IIIA-36	PROJECTED ECONOMIC GROWTH INDICATOR (Repelita II)	III-35

App. Table III B

FOR SECTION 4, DEMAND AND SUPPLY FORECAST
FOR MAIN COMMODITIES

Table IIIB-1(a)	PRODUCTION OF TOTAL PADDY (Dry Stalk Paddy)	III-36
Table IIIB-1(b)	PRODUCTION OF WET LAND PADDY	III-37
Table IIIB-1(c)	PRODUCTION OF DRY LAND PADDY	III-38
Table IIIB-2	PRODUCTION FORECAST OF DRY STALK PADDY	III-39
Table IIIB-3	PRODUCTION OF MAIZE	III-40
Table IIIB-4	PRODUCTION OF CASSAVA	III-41
Table IIIB-5	PRODUCTION OF SWEET POTATOES	III-42
Table IIIB-6	PRODUCTION OF SOYA BEANS	III-43
Table IIIB-7	PRODUCTION OF PEANUTS	III-44
Table IIIB-8	PRODUCTION FORECAST OF SECONDARY FOOD CROPS	III-45
Table IIIB-9	PER CAPITA CONSUMPTION OF FOOD CROPS	III-46
Table IIIB-10	PROJECTED PER CAPITA CONSUMPTION OF FOOD CROPS	III-46

Table IIIB-11	PROJECTED PRODUCTION/CONSUMPTION OF FOOD CROPS	III-47
Table IIIB-12	PRODUCTION, AREA AND YIELD OF RAW SUGAR	III-48
Table IIIB-13	PROJECTED PRODUCTION, AREA, AND YIELD OF RAW SUGAR	III-49
Table IIIB-14	COPRA PRODUCTION AND EXPORT IN INDONESIA	III-49
Table IIIB-15	PRODUCTION OF MISCELLANEOUS CASH CROPS	III-50
Table IIIB-16	PROJECTED MISCELLANEOUS CASH CROP PRODUCTION	III-51
Table IIIB-17	CASH CROP CONSUMPTION (1969-1972 average)	III-51
Table IIIB-18	PROJECTED CASH CROPS PER CAPITA CONSUMPTION	III-52
Table IIIB-19	LAND AND FOREST AREAS OF INDONESIA, 1972	III-52
Table IIIB-20	ESTIMATED PRODUCTION OF FOREST PRODUCT IN JAVA, 1973	III-53
Table IIIB-21	PROJECTED FOREST PRODUCTS PER CAPITA CONSUMPTION	III-53
Table IIIB-22	PROJECTED FOREST PRODUCTS BALANCE IN JAVA	III-54
Table IIIB-23	SLAUGHTERED LIVESTOCK, AND PRODUCTION OF MILK AND EGGS, 1972	III-55
Table IIIB-24	ESTIMATED PRODUCTION OF LIVESTOCK, MILK AND EGGS IN WEIGHT, 1972	III-55
Table IIIB-25	PROJECTED LIVESTOCK, MILK AND EGGS BALANCE IN JAVA	III-56
Table IIIB-26	FRESH FISH PRODUCTION	III-57
Table IIIB-27	PROJECTED FISH AND FISH PRODUCTS BALANCE	III-58
Table IIIB-28	CEMENT CONSUMPTION IN INDONESIA	III-59
Table IIIB-29	PROJECTED CEMENT PER CAPITA CONSUMPTION	III-59
Table IIIB-30	CEMENT PER CAPITA CONSUMPTION PROJECTION IN ASIAN REGION	III-60
Table IIIB-31	PROJECTED CEMENT PRODUCTION	III-61
Table IIIB-32	PROJECTED CEMENT BALANCE IN JAVA	III-62

Table IIIB-33	TEXTILE PER-CAPITA CONSUMPTION IN ASIAN REGION	III-63
Table IIIB-34	PROJECTED TEXTILE PER CAPITA CONSUMPTION	III-63
Table IIIB-35	PROJECTED TEXTILE CONSUMPTION IN JAVA	III-64
Table IIIB-36	DISTRIBUTION OF TEXTILE MANUFACTURING CAPACITY IN 1972 (%)	III-64
Table IIIB-37	PROJECTED TEXTILE BALANCE IN JAVA	III-65
Table IIIB-38	PROJECTED PAPER PER CAPITA CONSUMPTION (KG)	III-65
Table IIIB-39	PRODUCTION CAPACITY OF PAPER INDUSTRY IN 1972 AND 1980	III-66
Table IIIB-40	PROJECTED PAPER PRODUCTION	III-67
Table IIIB-41	PROJECTED PAPER BALANCE IN JAVA	III-68
Table IIIB-42	PETROLEUM PRODUCTS CONSUMPTION	III-69
Table IIIB-43	PROJECTED PETROLEUM PRODUCTS PER CAPITA CONSUMPTION	III-69
Table IIIB-44	CRUDE OIL PRODUCTION ACCORDING TO AREA	III-70
Table IIIB-45	REFINING CAPACITY ACCORDING TO AREA IN 1974	III-70
Table IIIB-46	PROJECTED PETROLEUM PRODUCTS PRODUCTION IN JAVA	III-71
Table IIIB-47	PROJECTED PETROLEUM PRODUCTS BALANCE IN JAVA	III-72
Table IIIB-48	FERTILIZER DISTRIBUTED IN JAVA	III-73
Table IIIB-49	FERTILIZER CONSUMPTION IN JAVA IN 1972	III-74
Table IIIB-50	PROJECTED FERTILIZED AREA AND DOSAGE OF FOOD CROPS (Nitrogen:N)	III-75
Table IIIB-51	PROJECTED FERTILIZED AREA AND DOSAGE OF FOOD CROPS (Phosphate:P ₂ O ₅)	III-76
Table IIIB-52	PROJECTED FERTILIZED AREA AND DOSAGE OF FOOD CROPS (Potash:K ₂ O)	III-77
Table IIIB-53	PROJECTED FERTILIZED AREA AND DOSAGES OF ESTATE CROPS	III-78
Table IIIB-54	PROJECTED FERTILIZER CONSUMPTION IN JAVA	III-79

Table IIIB-55	PROJECTED FERTILIZER PRODUCTION	III-80
Table IIIB-56	PROJECTED FERTILIZER BALANCE IN JAVA	III-81
Table IIIB-57	CARGO LOADING/UNLOADING IN JAVA (Except main 16 commodities)	III-81
Table IIIB-58	PROJECTED OTHER INDUSTRIAL PRODUCTS CONSUMPTION (Distributed in Java)	III-82
Table IIIB-59	PROJECTED OTHER INDUSTRIAL PRODUCTS PRODUCTION (Distributed in Java)	III-82
Table IIIB-60	PROJECTED OTHER INDUSTRIAL PRODUCTS PRODUCTION (Exported from Java)	III-82

App. Table III C

FOR SECTION 4, DEMAND AND SUPPLY FORECAST FOR
MAIN COMMODITIES SURPLUS AND DEFICIT IN COMMODITY

Table IIIC-1	SURPLUS AND DEFICIT OF AGRICULTURAL PRODUCTS ON PROJECT AREA (RICE)	III-83
Table IIIC-2	Ditto (MAIZE)	III-84
Table IIIC-3	Ditto (CASSAVA)	III-85
Table IIIC-4	Ditto (SWEET POTETEOES)	III-86
Table IIIC-5	Ditto (SOYBEANS)	III-87
Table IIIC-6	Ditto (PEANUTS)	III-88
Table IIIC-7	SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION ON PROJECT AREA (OTHER FOOD CROPS)	III-89
Table IIIC-8	SURPLUS AND DEFICIT OF AGRICULTURAL PRODUCTS ON PROJECT AREA (SUGAR) (GULA), RAW SUGAR	III-90
Table IIIC-9	SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION ON PROJECT AREA (COPRA)	III-91
Table IIIC-10	Ditto (OTHER CASH CROPS)	III-92
Table IIIC-11	Ditto (LIVESTOCKS AND THEIR PRODUCTS)	III-93
Table IIIC-12	Ditto (FISHERY)	III-94

Table IIIC-13	Ditto (FOREST PRODUCTS)	III-95
Table IIIC-14	Ditto (CEMENT)	III-96
Table IIIC-15	Ditto (TEXTILE)	III-97
Table IIIC-16	Ditto (PAPER)	III-98
Table IIIC-17	Ditto (PETROLEUM PRODUCTS)	II-99
Table IIIC-18	Ditto (FERTILIZER)	III-101
Table IIIC-19	Ditto (OTHER INDUSTRY PRODUCTS DISTRIBUTED IN JAVA)	III-101
Table IIIC-20	Ditto (OTHER INDUSTRY PRODUCTS EXPORTED FROM JAVA)	III-102

App. Table III D

PROJECTION OF POPULATION BY KABUPATEN

Table IIID-1	POPULATION FORECAST (1975 - 1995) BY KABUPATEN (West Java incl. D.K.I. Jakarta)	III-103
Table IIID-2	Ditto (Central Java incl. D.I. Yogyakarta)	III-104
Table IIID-3	Ditto (East Java)	III-105

App. Table III E

FORECAST ON SURPLUS AND DEFICIT OF MAIN
COMMODITY BY KABUPATEN

Table IIIE-1	SURPLUS AND DEFICIT OF AGRICULTURAL PRODUCTS BY KABUPATEN (1975 - 1995) WEST JAVA (RICE)	III-106
Table IIIE-2	Ditto CENTRAL JAVA (RICE)	III-107
Table IIIE-3	Ditto EAST JAVA (RICE)	III-108
Table IIIE-4	Ditto WEST JAVA (MAIZE)	III-109
Table IIIE-5	Ditto CENTRAL JAVA (MAIZE)	III-110

Table IIIE-6	Ditto	EAST JAVA (MAIZE)	III-111
Table IIIE-7	Ditto	WEST JAVA (CASSAVA)	III-112
Table IIIE-8	Ditto	CENTRAL JAVA (CASSAVA)	III-113
Table IIIE-9	Ditto	EAST JAVA (CASSAVA)	III-114
Table IIIE-10	Ditto	WEST JAVA (SWEET POTETEOES)	III-115
Table IIIE-11	Ditto	CENTRAL JAVA (SWEET POTETEOES)	III-116
Table IIIE-12	Ditto	EAST JAVA (SWEET POTETEOES)	III-117
Table IIIE-13	Ditto	WEST JAVA (SOYA BEANS)	III-118
Table IIIE-14	Ditto	CENTRAL JAVA (SOYA BEANS)	III-119
Table IIIE-15	Ditto	EAST JAVA (SOYA BEANS)	III-120
Table IIIE-16	Ditto	WEST JAVA (PEANUTS)	III-121
Table IIIE-17	Ditto	CENTRAL JAVA (PEANUTS)	III-122
Table IIIE-18	Ditto	EAST JAVA (PEANUTS)	III-123
Table IIIE-19		SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION BY KABUPATEN (1975 - 1995) WEST JAVA INCL. D.K.I. JAKARTA (OTHER FOOD CROPS)	III-124
Table IIIE-20	Ditto	CENTRAL JAVA INCL. D.I. YOGYAKARTA (OTHER FOOD CROPS)	III-125
Table IIIE-21	Ditto	EAST JAVA (OTHER FOOD CROPS)	III-126
Table IIIE-22	Ditto	WEST JAVA INCL. D.K.I. JAKARTA (CEMENT)	III-127
Table IIIE-23	Ditto	CENTRAL JAVA INCL. D.I. YOGYAKARTA (CEMENT)	III-128
Table IIIE-24	Ditto	EAST JAVA (CEMENT)	III-129
Table IIIE-25	Ditto	WEST JAVA INCL. D.K.I. JAKARTA (TEXTILE)	III-130
Table IIIE-26	Ditto	CENTRAL JAVA INCL. D.I. YOGYAKARTA (TEXTILE)	III-131
Table IIIE-27	Ditto	EAST JAVA (TEXTILE)	III-132
Table IIIE-28	Ditto	WEST JAVA INCL. D.K.I. JAKARTA (PAPER)	III-133
Table IIIE-29	Ditto	CENTRAL JAVA INCL. D.I. YOGYAKARTA (PAPER)	III-134

Table IIIE-30	Ditto	EAST JAVA (PAPER)	III-135
Table IIIE-31	Ditto	WEST JAVA INCL. D.K.I. JAKARTA (PETROLEUM PRODUCTS)	III-136
Table IIIE-32	Ditto	CENTRAL JAVA INCL. D.I. YOGYAKARTA (PETROLEUM PRODUCTS)	III-137
Table IIIE-33	Ditto	EAST JAVA (PETROLEUM PRODUCTS)	III-138
Table IIIE-34	Ditto	WEST JAVA INCL. D.K.I. JAKARTA (FERILIZER)	III-139
Table IIIE-35	Ditto	CENTRAL JAVA INCL. D.I. YOGYAKARTA (FERILIZER)	III-140
Table IIIE-36	Ditto	EAST JAVA (FERTILIZER)	III-141
Table IIIE-37	Ditto	WEST JAVA INCL. D.K.I. JAKARTA (OTHER INDUSTRY PRODUCTS DISTRIBUTED IN JAVA)	III-142
Table IIIE-38	Ditto	CENTRAL JAVA INCL. D.I. YOGYAKARTA (OTHER INDUSTRY PRODUCTS DISTRIBUTED IN JAVA)	III-143
Table IIIE-39	Ditto	EAST JAVA (OTHER INDUSTRY PRODUCTS DISTRIBUTED IN JAVA)	III-144
Table IIIE-40	Ditto	WEST JAVA INCL. D.K.I. JAKARTA (OTHER INDUSTRY PRODUCTS EXPORTED FROM JAVA)	III-145
Table IIIE-41	Ditto	CENTRAL JAVA INCL. D.I. YOGYAKARTA (OTHER INDUSTRY PRODUCTS EXPORTED FROM JAVA)	III-146
Table IIIE-42	Ditto	EAST JAVA (OTHER INDUSTRY PRODUCTS EXPORTED FROM JAVA)	III-147
Table IIIE-43	Ditto	JAVA (SUGAR)	III-148
Table IIIE-44	Ditto	CENTRAL JAVA (SUGAR)	III-149
Table IIIE-45	Ditto	EAST JAVA (SUGAR)	III-150
Table IIIE-46	Ditto	WEST JAVA INCL. D.K.I. JAKARTA (COPRA)	III-151
Table IIIE-47	Ditto	CENTRAL JAVA INCL. D.I. YOGYAKARTA (COPRA)	III-152
Table IIIE-48	Ditto	EAST JAVA (COPRA)	III-153

Table IIIE-49	Ditto	WEST JAVA INCL. D.K.I. JAKARTA (OTHER CASH CROPS)	III-154
Table IIIE-50	Ditto	CENTRAL JAVA INCL. D.I. YOGYAKARTA (OTHER CASH CROPS)	III-155
Table IIIE-51	Ditto	EAST JAVA (OTHER CASH CROPS)	III-156
Table IIIE-52	Ditto	WEST JAVA INCL. D.K.I. JAKARTA (FOREST PRODUCTS)	III-157
Table IIIE-53	Ditto	CENTRAL JAVA INCL. D.I. YOGYAKARTA (FOREST PRODUCTS)	III-158
Table IIIE-54	Ditto	EAST JAVA (FOREST PRODUCTS)	III-159
Table IIIE-55	Ditto	WEST JAVA INCL. D.K.I. JAKARTA (FISHERY)	III-160
Table IIIE-56	Ditto	CENTRAL JAVA INCL. D.I. YOGYAKARTA (FISHERY)	III-161
Table IIIE-57	Ditto	EAST JAVA (FISHERY)	III-162
Table IIIE-58	Ditto	WEST JAVA INCL. D.K.I. JAKARTA (LIVESTOCKS AND THEIR PRODUCTS)	III-163
Table IIIE-59	Ditto	CENTRAL JAVA INCL. D.I. YOGYAKARTA (LIVESTOCKS AND THEIR PRODUCTS)	III-164
Table IIIE-60	Ditto	EAST JAVA (LIVESTOCKS AND THEIR PRODUCTS)	III-165

App. Table III F

COMMODITY-WISE IMPORT/EXPORT BALANCE
BY PORT IN JAVA

Table IIIF-1	IMPORT/EXPORT BALANCE	(1975)	
	- Food Crops -		III-166
Table IIIF-2	IMPORT/EXPORT BALANCE	(1980)	
	- Food Crops -		III-167
Table IIIF-3	IMPORT/EXPORT BALANCE	(1985)	
	- Food Crops -		III-168
Table IIIF-4	IMPORT/EXPORT BALANCE	(1990)	
	- Food Crops -		III-169

Table IIIIF-5	IMPORT/EXPORT BALANCE - Food Crops -	(1995)	III-170
Table IIIIF-6	IMPORT/EXPORT BALANCE - Industrial Products -	(1975)	III-171
Table IIIIF-7	IMPORT/EXPORT BALANCE - Industrial Products -	(1980)	III-172
Table IIIIF-8	IMPORT/EXPORT BALANCE - Industrial Products -	(1985)	III-173
Table IIIIF-9	IMPORT/EXPORT BALANCE - Industrial Products -	(1990)	III-174
Table IIIIF-10	IMPORT/EXPORT BALANCE - Industrial Products -	(1995)	III-175
Table IIIIF-11	IMPORT/EXPORT BALANCE - Industrial Products -	(1975)	III-176
Table IIIIF-12	IMPORT/EXPORT BALANCE - Cash Crop -	(1980)	III-177
Table IIIIF-13	IMPORT/EXPORT BALANCE - Cash Crop -	(1985)	III-178
Table IIIIF-14	IMPORT/EXPORT BALANCE - Cash Crop -	(1990)	III-179
Table IIIIF-15	IMPORT/EXPORT BALANCE - Cash Crop -	(1995)	III-180
Table IIIIF-16	IMPORT/EXPORT BALANCE - Other Products -	(1975)	III-181
Table IIIIF-17	IMPORT/EXPORT BALANCE - Other Products -	(1980)	III-182
Table IIIIF-18	IMPORT/EXPORT BALANCE - Other Products -	(1985)	III-183
Table IIIIF-19	IMPORT/EXPORT BALANCE - Other Products -	(1990)	III-184
Table IIIIF-20	IMPORT/EXPORT BALANCE - Other Products -	(1995)	III-185

APP. Table IIIA-1 PRODUCTION OF SELECTED FOODCROPS

	Production (1,000 tons)						Growth Rate as against Previous Year (Previous Year=100)						Average Annual Growth Rate (1969-1973) (%)
	1969	1970	1971	1972	1973	1974	1969	1970	1971	1972	1973	1974	
1. Paddy ¹⁾	23,556	25,269	26,392	25,587	28,273	29,715	105.0	107.3	104.4	96.9	110.5	105.1	4.7
Irrigated Paddy	21,474	23,148	24,308	23,630	26,225	27,871	106.9	107.8	105.0	97.2	111.0	106.3	5.1
Non-irrigated Paddy	2,082	2,121	2,084	1,957	2,048	1,844	88.4	101.9	98.3	93.9	104.6	90.0	-0.4
2. Maize	2,293	2,825	2,606	2,254	2,912	3,240	72.4	123.2	92.2	86.5	129.2	111.3	6.2
3. Cassava	10,917	10,478	10,690	10,385	9,399	13,775	96.1	96.0	102.0	97.1	90.5	146.6	-3.7
4. Sweet Potatoes	2,260	2,175	2,211	2,066	2,180	2,916	95.6	96.2	101.7	93.4	105.5	133.8	-0.9
5. Peanuts	267	281	284	282	303	315	93.0	105.2	101.1	99.3	107.4	104.0	3.2
6. Soyabeans	389	498	516	518	446	550	92.6	128.0	103.6	100.4	86.1	123.3	3.5
Total	39,682	41,526	42,699	41,092	43,513	50,511	99.1	104.6	102.8	96.2	105.9	116.1	2.33

(Note) 1) Dry stalk paddy

(Source) Agriculture Statistic.
Dept. of Agriculture.

APP. Table IIIA-2 PRODUCTION OF SELECTED ESTATES/CASH CROPS¹⁾

	Production (1,000 tons)				Growth Rate as against Previous Year (Previous Year=100)				Average Annual Growth Rate (1969-1973) (%)		
	1969	1970	1971	1972	1973	1969	1970	1971		1972	1973
1. Rubber	778	802	804	808	853	105.8	103.1	100.2	100.5	105.6	2.3
2. Coffee	175	185	196	214	167	111.5	105.7	105.9	109.2	78.0	- 1.1
3. Tea	62	64	71	51	65	81.6	103.2	110.9	71.8	127.4	1.2
4. Cocoa	1.2	1.2	1.4	1.2	1.3	150.0	100.0	116.7	85.7	108.3	2.0
5. Palm oil	189	217	249	270	290	100.3	114.7	114.7	108.2	107.8	11.3
6. Palm kernel	42	49	56	59	64	103.2	116.6	115.7	105.3	108.5	11.4
7. Sugar ²⁾	922	873	1,041	1,133	994	122.6	94.7	112.9	108.8	87.7	1.9
8. Cinchona bark	2.7	1.7	1.4	1.3	1.1	150.0	63.0	82.3	92.6	84.6	-20.1
9. Hard fibre	7.6	5.4	2.3	0.1	0.1	82.6	71.0	42.6	43	100.0	-66.1
10. Pepper	17	17	24	18	29	136.2	100.0	141.2	75.0	161.1	14.3
11. Cloves	12	15	14	13	23	70.6	125.0	93.3	92.9	176.9	17.7
12. Tobacco	82	78	76	79	80	151.8	95.1	97.4	103.9	101.3	0.6
13. Copra	1,221	1,200	1,149	1,311	1,199	107.9	98.3	95.7	114.1	91.5	0.5
Total	3,512	3,508	3,685	3,959	3,766	109.7	99.9	105.0	107.4	95.1	1.76

(Notes) 1) Including the production by smallholders

2) Including brown sugar

(Source) Statistical pocketbook,
Monthly Statistical Bulletin,
- Central Bureau of Statistics -
Lampiran, Pidato Kenegaraan
Presiden, 15 August 1974

APP. Table IIIA-3 . . . PRODUCTION OF OIL/GAS AND NON-OIL MINERALS

	Production					Growth Rate as against Previous Year (Previous Year=100)					Average Annual Growth Rate (1969-1973) (%)
	1969	1970	1971	1972	1973	1969	1970	1971	1972	1973	
1. Crude petroleum (Million BBL)	271	312	326	395	489	123.2	115.1	104.5	121.2	123.8	15.9
2. Natural gas (Million MCF)	92	109	121	146	178	79.3	118.5	111.0	120.7	121.9	17.9
3. Tin oil (1,000 tons)	17	19	20	21	22	100.0	111.8	105.3	105.0	104.8	6.7
4. Coal (1,000 tons)	192	172	198	179	149	109.1	89.6	115.1	90.4	83.2	- 6.1
5. Bauxite (1,000 tons)	765	1,229	1,238	1,277	1,229	87.0	160.6	100.7	103.1	96.2	12.6
6. Nickel (1,000 tons)	254	600	900	935	867	105.4	236.2	150.0	103.9	92.7	35.9
7. Gold (Kg)	246	237	330	339	352	132.2	96.3	139.2	102.7	103.8	9.4
8. Silver (Kg)	10,591	8,591	8,876	8,684	9,832	110.2	81.1	103.3	97.8	113.2	- 1.8
9. Iron sand (1,000 tons)	-	-	-	265	281	-	-	-	-	106.0	*

(Note) Asterisks denote figures below the unit of stipulation

(Source) Monthly Statistical Bulletin, Statistical Pocketbook - Central Bureau of Statistics -

APP. Table IIIA-4 PRODUCTION OF SELECTED INDUSTRIAL GOODS

	Production (1,000 tons)				Growth Rate as against Previous Year (Previous Year = 100)				Average Annual Growth Rate (1969-1973) (%)	
	1969	1970	1971	1972	1973	1969	1970	1971		1972
1. Chemical fertilizer (1,000 tons)										
Urea	84	103	108	120	119	122.6	104.8	111.1	99.2	9.1
Ammonium sulphate	-	-	-	50	123	-	-	-	246.0	*
2. Cement (1,000 tons)	542	577	531	722	818	106.5	92.0	136.0	113.3	10.8
3. Paper (1,000 tons)	17	22	29	40	47	129.4	131.8	137.9	117.5	28.9
4. Cotton yarn (1,000 bales)	177	217	239	262	316	122.6	110.1	109.6	120.6	15.6
5. Textiles (1,000 meters)	450	598	732	852	920	132.9	122.4	116.4	108.0	19.6

(Note) Asterisks denote figures below the unit of stipulation

(Source) Lampiran, Pidato Keneagaraan
Presiden, 15 August 1974

APP. Table IIIA-5 BALANCE OF TRADE

	Export			Import	Balance of Trade
	Oil	Non-oil	Total		
1969	383	471	854	781	73
1970	446	662	1,108	1,002	106
1971	478	756	1,234	1,103	131
1972	913	865	1,778	1,562	216
1973	1,609	1,602	3,211	2,729	482
1974	5,211	2,215	7,426	3,842	3,584
Average Annual Growth Rate (1969-1973) (%)	43.2	35.8	39.3	36.7	

(Source) Monthly Statistical Bulletin.

APP. Table IIIA-6

GROSS DOMESTIC PRODUCT AT CURRENT MARKET PRICES
AND AT 1960 MARKET PRICES

(Billion Rp)

Industry	At current market prices					At constant 1960 prices				
	1969	1970	1971	1972	1973	1969	1970	1971	1972	1973
1. Agriculture, Forestry, Fishery	1,339	1,575	1,655	1,825	2,628	260	271	281	287	303
a. Farm food crops	823	962	962	1,071	1,550	170	176	182	184	197
b. Farm non food crops	199	214	206	213	322	36	36	36	37	38
c. Estate crops	69	83	105	119	155	13	14	14	15	15
d. Animal husbandry	88	102	124	135	175	21	22	23	25	26
e. Forestry & Hunting	59	102	142	173	291	8	10	13	13	14
f. Fishing	101	112	116	114	135	12	13	13	13	13
2. Mining & Quarrying	129	173	249	386	617	28	32	34	41	50
3. Manufacturing	251	312	356	417	571	47	51	58	61	63
4. Electricity, Gas & Water supply	13	15	18	20	30	3	3	3	4	4
5. Construction	75	100	128	174	262	12	15	18	22	27
6. Wholesale & Retail trade	476	619	712	912	1,350	89	100	108	124	138
7. Transportation & Communication	77	96	162	182	261	16	18	22	25	27
8. Banking & other Financial Intermediaries	22	33	45	53	82	7	9	11	12	15
9. Ownership of Dwelling	53	65	74	92	134	10	11	12	13	13
10. Public administration & Defence	136	183	214	290	405	29	30	32	33	34
11. Services	147	169	181	197	265	30	31	32	32	33
12. Gross Domestic Product	2,718	3,340	3,794	4,548	6,605	531	571	611	654	707

(Source) Economic Indicator, Monthly Economical
Bulletin Central Bureau of Statistic

APP. Table IIIA-7

GROSS REGIONAL DOMESTIC PRODUCT IN JAVA
AT CURRENT MARKET PRICE (1971)

	GDP in Java (Rp. Millions)											Percentage of Java by each Industry in GDP (%)			
	DKI Jakarta	W. Java	C. Java	E. Java	DI Yog- yakarta	Java Total	Whole Indo- nesia	DKI Jaka- rta	W. Java	C. Java	E. Java	DI Yo- gyaka- rta	Java Total	Whole Indo- nesia	
1. Agriculture, Forestry, Fishery	22,768	242,428	236,027	325,545	22,967	849,735	1,655	1.37	14.65	14.26	19.67	1.39	51.34	100.0	
a. Farm food crops	14,301	188,994	183,398	226,784	14,726	628,203	962	1.49	19.65	19.06	23.57	1.53	65.30	100.0	
b. Farm non-food crops	-	16,487	19,785	48,997	3,324	88,593	206	-	8.00	9.60	23.79	1.62	43.01	100.0	
c. Estate crops	-	11,095	14,729	26,838	965	53,627	105	-	10.56	14.03	25.56	0.92	51.07	100.0	
d. Animal husbandry	7,946	13,569	10,779	16,686	3,914	52,894	124	6.41	10.94	8.69	13.46	3.16	42.66	100.0	
e. Forestry & hunting	-	364	3,760	2,544	1	6,669	142	-	0.26	2.65	1.79	*	4.70	100.0	
f. Fishing	521	11,919	3,576	3,696	37	19,749	116	0.45	10.27	3.08	3.19	0.03	17.02	100.0	
2. Mining & Quarrying	-	256	3,031	961	3,199	7,447	249	-	0.10	1.22	0.39	1.28	2.99	100.0	
3. Manufacturing	22,250	47,121	61,712	87,146	14,302	232,531	356	6.25	13.24	17.33	24.48	4.02	65.32	100.0	
4. Electricity Gas & Water Supply	4,971	2,508	1,983	3,516	245	13,223	18	27.62	13.93	11.02	19.53	1.36	73.46	100.0	
5. Construction	18,817	11,895	8,129	4,110	1,211	44,162	128	14.70	9.29	6.35	3.21	0.95	34.50	100.0	
6. Wholesale & Retail Trade	150,040	87,022	103,766	131,881	11,241	483,950	712	21.07	12.22	14.57	18.52	1.59	67.97	100.0	
7. Transportation & Communication	30,318	7,172	10,711	30,429	1,387	80,017	162	18.71	4.43	6.61	18.78	0.86	49.39	100.0	
8. Banking & other Financial Intermedium	10,642	602	4,282	7,226	283	23,035	45	23.65	1.34	9.51	16.06	0.63	51.19	100.0	
9. Ownership of Dwelling	11,048	9,336	22,584	28,842	486	72,296	74	14.93	12.62	30.52	38.97	0.66	97.70	100.0	
10. Public Administration & Defence	26,446	25,092	22,011	26,649	5,175	105,373	214	12.36	11.72	10.29	12.45	2.42	49.24	100.0	
11. Services	6,295	35,241	13,230	10,527	3,155	68,448	181	3.48	19.47	7.31	5.82	1.74	37.82	100.0	
Gross Regional Domestic Product (GRDP)	303,595	468,673	487,466	656,832	63,651	1,980,217	3,794	8.00	12.35	12.85	17.31	1.68	52.19	100.0	
Per capita GRDP (RP.)	66,345	21,663	22,281	25,734	25,563	26,020	31,820								
Coefficient of GRDP per capita as against GDP	208.5	68.1	70.0	80.87	80.34	81.8	100								
Per capita (GDP per capita=100)															

(Source) " Regional Income from Several Provinces

	Percentage of added value by industry in each province in Java (%)						Percentage of added value by industry by province in Java as against GDP (%)							
	DKI Jakarta	W. Java	C. Java	E. Java	DI Yogyakarta	Whole Indonesia	DKI Indo-nesia	W. Java	C. Java	E. Java	DI Yogyakarta	Whole Indonesia		
1. Agriculture, Forestry Fishery	7.50	51.73	48.41	49.56	36.08	42.91	43.63	0.60	6.39	6.22	8.58	0.60	22.40	43.63
a. Farm food crops	4.71	40.32	37.62	34.53	23.13	31.72	25.36	0.38	4.98	4.83	5.98	0.39	16.56	25.36
b. Farm non-food crops	-	3.52	4.06	7.46	5.22	4.47	5.43	-	0.44	0.52	1.29	0.09	2.34	5.43
c. Estate crops	-	2.37	3.02	4.08	1.52	2.71	2.77	-	0.29	0.39	0.70	0.02	1.41	2.77
d. Animal husbandry	2.62	2.90	2.21	2.54	6.15	2.67	3.27	0.21	0.36	0.28	0.44	0.10	1.39	3.27
e. Forestry & hunting	-	0.08	0.77	0.39	*	0.34	3.74	-	0.01	0.10	0.07	*	0.18	3.74
f. Fishing	0.17	2.54	0.73	0.56	0.06	1.00	3.06	0.01	0.31	0.10	0.10	*	0.52	3.06
2. Mining & Quarrying	-	0.05	0.62	0.15	5.03	0.38	6.56	-	0.01	0.08	0.02	0.08	0.20	6.56
3. Manufacturing	7.33	10.05	12.66	13.27	22.47	11.74	9.38	0.59	1.24	1.63	2.30	0.38	6.13	9.38
4. Electricity, Gas & Water Supply	1.64	0.54	0.41	0.53	0.39	0.67	0.47	0.13	0.06	0.05	0.09	0.01	0.35	0.47
5. Construction	6.20	2.54	1.67	0.63	1.90	2.23	3.37	0.50	0.31	0.21	0.11	0.03	1.16	3.37
6. Wholesale & Retail Trade	49.42	18.57	21.29	20.08	17.66	24.44	18.77	3.95	2.29	2.74	3.48	0.30	12.75	18.77
7. Transportation & Communication	9.99	1.53	2.20	4.63	2.18	4.04	4.27	0.80	0.19	0.28	0.80	0.04	2.11	4.27
8. Banking & other Financial Intermedium	3.50	0.13	0.88	1.10	0.44	1.16	1.19	0.28	0.02	0.11	0.19	0.01	0.61	1.19
9. Ownership of Dwelling	3.64	1.99	4.63	4.39	0.76	3.65	1.95	0.29	0.25	0.60	0.76	0.01	1.90	1.95
10. Public Administration & Defence	8.71	5.35	4.52	4.06	8.13	5.32	5.64	0.70	0.66	0.58	0.70	0.14	2.78	5.64
11. Services	2.07	7.52	2.71	1.60	4.96	3.46	4.77	0.16	0.93	0.35	0.28	0.08	1.80	4.77
Gross Regional Domestic Product (GRDP)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	8.00	12.35	12.85	17.31	1.68	52.19	100.0

(Note) Asterisks denote figures below the unit of stipulation

(Source) Derived from Table IIIA-7

APP. Table IIIA-9 PRODUCTION OF MAJOR CROPS IN JAVA
(1971)

	Production (1,000 tons)	Percentage against total (%)
1. Food Crops		
1.1 Paddy ¹⁾	8,439	32.85
- Irrigated paddy	(8,151)	(31.73)
- Non-irrigated paddy	(288)	(1.12)
1.2 Maize	1,883	7.33
1.3 Cassava	8,075	31.43
1.4 Sweet potatoes	947	3.69
1.5 Peanuts	224	0.87
1.6 Soyabeans	452	1.76
Sub total	<u>20,020</u>	<u>77.93</u>
2. Non-food Crops		
2.1 Vegetables	1,637	6.37
2.2 Fruits	2,486	9.68
Sub total	<u>4,123</u>	<u>16.05</u>
3. Estate/Cash Crops²⁾		
3.1 Rubber	105	0.41
3.2 Coffee	29	0.11
3.3 Tea	63	0.24
3.4 Cocoa	-	-
3.5 Palm oil	-	-
3.6 Palm kernel	-	-
3.7 Copra	334	1.30
3.8 Sugar ³⁾	992	3.86
3.9 Tobacco and other miscellaneous products	25	0.10
Sub total	<u>1,548</u>	<u>6.02</u>
4. Grand Total	25,691	100.0

(Note) 1) Milled rice
2) Including the production by smallholders
3) Including brown sugar

(Source) Food crops and non-food crops, Agriculture Statistic,
Dept. of Agriculture
Estate/Cash crops: Study team's estimate on the basis
of available statistics

APP. Table IIIA-10 LAND UTILIZATION IN JAVA
(1971)

	Java & Madura	Outer Islands	Indonesia (Million ha)
1. Total area	13.2	177.2	190.4
2. Arable land as % of total area	8.8 (70)	10.6 (6)	19.4 (10)
3. Harvested area	11.8	9.6	21.4
4. Cropping intensity	134	90	110

(Source) FAO

APP. Table IIIA-11 PRODUCTION OF SELECTED FOODCROPS IN JAVA

	Production (1,000 tons)						Average Annual Growth Rate (1969-74) (%)	Percentage of Production in Java as against Whole Indonesia (%)					Average (1969-73)	
	1969	1970	1971	1972	1973	1974		1969	1970	1971	1972	1973		1974
1. Paddy ¹⁾	14,431	15,192	16,228	15,635	17,044	18,312	4.2	61.3	60.1	61.5	61.1	60.3	61.6	60.8
Irrigated paddy	13,925	14,674	15,675	15,103	16,459	17,859	4.3	64.8	63.4	64.5	63.9	62.8	64.1	63.8
Non-irrigated paddy	506	518	553	532	585	453	3.7	24.3	24.4	26.5	27.2	28.6	22.1	26.2
2. Maize	1,601	2,101	1,883	1,649	1,908	2,199	4.5	69.8	74.4	72.3	73.2	65.5	67.9	70.9
3. Cassava	8,252	8,003	8,075	7,878	6,322	10,124	-6.4	75.6	76.4	75.5	75.9	67.3	73.5	74.3
4. Sweet potatoes	1,077	1,073	947	906	987	1,508	-2.2	47.7	49.3	42.8	43.9	45.3	51.7	45.8
5. Peanuts	194	221	224	226	229	250	4.2	72.7	78.6	78.9	80.1	75.6	79.4	77.2
6. Soybeans	341	429	452	447	344	428	0.2	87.7	86.1	87.6	86.3	77.1	77.8	85.0
Total	25,896	27,019	27,809	26,741	26,834	32,821	0.89	65.3	63.5	65.1	65.1	61.7	65.0	64.4

(Note) 1) Dry stalk paddy

(Source) Agriculture Statistic, Dept. of Agriculture

APP. Table IIIA-12 HARVESTED AREA AND PRODUCTION OF MAJOR FOODCROPS IN JAVA
(1971)

	(Harvested area:1,000 ha, Production:1,000 tons)															
	Harvested Area and Production											AS % of Java Total				
	W. Java ¹⁾		C. Java ²⁾		E. Java		Java Total		W. Java		C. Java		E. Java		Java Total	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
1. Paddy ³⁾	1,786	6,229	1,407	5,335	1,223	4,664	4,416	16,228	40.4	38.4	31.9	32.9	27.7	28.7	100.0	100.0
Wet land paddy	1,590	5,950	1,309	5,184	1,151	4,541	4,050	15,675	39.3	37.9	32.3	33.1	28.4	29.0	100.0	100.0
Dry land paddy	196	279	98	151	72	123	366	553	53.5	50.5	26.8	27.3	19.7	22.2	100.0	100.0
2. Maize	109	114	593	720	1,156	1,049	1,858	1,883	5.9	6.1	31.9	38.2	62.2	55.7	100.0	100.0
3. Cassava	223	1,791	423	2,951	455	3,333	1,101	8,075	20.3	22.2	38.4	36.5	41.3	41.3	100.0	100.0
4. Sweet potatoes	61	341	50	236	64	370	175	947	34.8	36.0	28.6	24.9	36.6	39.1	100.0	100.0
5. Peanuts	60	47	101	77	136	100	297	224	20.2	21.0	34.0	34.4	45.8	44.6	100.0	100.0
6. Soyabeans	27	22	172	124	382	306	581	452	4.6	4.9	29.6	27.4	65.8	67.7	100.0	100.0
Total	2,266	8,544	2,746	9,443	3,416	9,822	8,428	27,809	21.9	30.7	32.6	34.0	40.5	35.3	100.0	100.0

(Note) A: Harvested Area
B: Production

- 1) Including DKI Jakarta
- 2) Including DI Yogyakarta
- 3) Dry stalk paddy

(Source) Agriculture Statistic,
Dept of Agriculture

PRODUCTION OF SELECTED ESTATES/CASH CROPS¹⁾ IN JAVA
(1971)

	Production (1,000 tons)					Percentage of Java as against Whole Indonesia (%)					
	W. Java		E. Java		Java-total Quantity	Java-total Per-centage	Whole Indonesia	Java			Whole Indo- nesia
	C.	J.	C.	J.				W. Java	C. Java	E. Java	
1. Rubber	68	19	18	105	6.8	804	8.5	2.4	2.2	13.1	100.0
2. Coffee	3	6	20	29	1.9	196	1.5	3.1	10.2	14.8	100.0
3. Tea	59	2	2	63	4.0	71	83.1	2.8	2.8	88.7	100.0
4. Cocoa	-	-	-	-	-	1.4	0	0	0	0	100.0
5. Palm oil	-	-	-	-	-	249	0	0	0	0	100.0
6. Palm kernel	-	-	-	-	-	56	0	0	0	0	100.0
7. Copra	132	94	108	334	21.6	1,149	11.5	8.2	9.4	29.1	100.0
8. Sugar ²⁾	85	196	711	992	64.1	1,041	8.2	18.8	68.3	95.3	100.0
9. Cinchona bark						1.4					
10. Hard fibre						2.3					
11. Cloves	2	10	13	25	1.6	24	1.7	8.5	11.0	21.2	100.0
12. Tobacco						14					
13. Pepper						76					
Total	349	327	872	1,548	100.0	3,685	9.5 (22.6)	8.9 (21.1)	23.6 (56.3)	42.0 (100.0)	100.0

(Note) 1) Including the production by smallholders
2) Including brown sugar

(Source) 1) As for the Java Production, Study team's estimate on the basis of production statistic issued by.

2) As for the Whole Indonesia Production, quoted from Table IIIA-2

App. Table IIIA-14

PRODUCTION OF SELECTED NON-FOOD CROPS IN JAVA

(1971)

	Production (1,000 tons)				Percentage of Java as against Whole Indonesia (%)				Whole Indo- nesia	
	Java		Whole Indo- nesia		Java		Whole Indonesia (%)			
	1) W. Java	2) C. Java	E. Java	Total	1) W. Java	2) C. Java	E. Java	Total		
1. Vegetables	647	365	625	1,637	2,067	31.3 (39.5)	17.7 (22.3)	30.2 (38.2)	79.2 (100.0)	100.0
2. Fruits	1,129	209	1,148	2,486	3,435	32.9 (45.5)	6.1 (8.4)	33.4 (46.2)	72.4 (100.0)	100.0
Total	1,776	574	1,773	4,123	5,502	32.3 (43.1)	10.4 (13.9)	32.2 (43.0)	74.9 (100.0)	100.0

(Note) 1) Including DKI Jakarta
2) Including DI Yogyakarta

(Source) Agriculture Statistic
Department of Agriculture

APP. Table IIIA-15

PRODUCTION OF LIVESTOCKS, EGGS AND MILK IN JAVA
(1972)

		Production (1,000 tons)							Percentage of Java as against Whole Indonesia (%)					
		W. Java ¹⁾		C. Java ²⁾		E. Java		Java Total		Whole Indonesia	Java			Whole Indonesia
		Quantity	Percentage	Quantity	Percentage	Quantity	Percentage	Quantity	Percentage		W. Java	C. Java	E. Java	
1. Livestocks ³⁾		84	60	110	254	60.6	352	23.4	16.7	30.6	70.7	100.0		
1.1 Cattle		43	40	97	180		230							
1.2 Buffaloes		20	9	2	31		54							
1.3 Pigs		15	4	6	25		55							
1.4 Goats		3	5	5	13		15							
1.5 Sheep		3	2	*5)	5		5							
2. Eggs		48	61	26	135	32.2	197	24.4	30.9	13.2	68.5	100.0		
2.1 Race		3	5	2	10		14							
2.2 Smallholders ⁴⁾		45	56	24	125		183							
3. Milk		11	8	11	30	7.2	33	33.3	24.3	33.3	90.9	100.0		
3.1 Dairy farms		7	5	7	19		21							
3.2 Smallholders		4	3	4	11		12							
		143	129	147	419	100.0	589	24.3 (34.1)	21.9 (30.8)	24.9 (35.1)	71.1 (100.0)	100.0		

(Note) 1) Including DKI Jakarta

2) Including DI Yogyakarta

3) Production of meats estimated on the basis of statistic showing number of livestock slaughtered; by using the following figures:

Cattle: 310.58 kg/head

Buffaloes: 277.40 kg/head

Pigs: 90.40 kg/head

Goats: 26.88 kg/head

Sheep: 22.83 kg/head

4) Estimated by Study Team on the basis of available statistic

5) Asterisks denote figures below the unit of stipulation

(Source) Director General of Veterinary Dept. of Agriculture

APP. Table IIIA-16 PRODUCTION OF FRESH FISH
(1972)

	Production (1,000 tons)				Percentage of Java as against Whole Indonesia (%)				Whole Indo- nesia
	West Java	Central Java	East Java	Java Total Quantity	West Java	Central Java	East Java	Total	
Inland fish	84	13	29	126	19.8	3.1	6.8	29.7	100.0
Sea fish	60	29	46	135	7.3	3.6	5.6	16.5	100.0
Total	144	42	75	261	11.6	3.4	6.0	21.0	100.0

(Source) Director General of Fisheries, Dept. of Agriculture

APP. Table IIIA-17 PRODUCTION OF CRUDE OIL IN JAVA
(1,000 BBL)

	Production (1,000 BBL)		As % of output in Indonesia
	Java	Indonesia	
1971	4,610	325,614	1.4
1972	24,532	395,571	6.2
1973	44,785	488,550	9.2
1974	64,420	501,681	12.8

(Source) Annual Report of Pertamina
(Monthly Statistical Bulletin -
Central Bureau of Statistics)

APP. Table IIIA-18 PRODUCTION OF SELECTED MANUFACTURING PRODUCTS IN JAVA

(1972)

	Production (1,000 tons)				As Percentage of Whole Indonesia ³⁾					
	W. Java ¹⁾	C. Java ²⁾	E. Java	Java-total	Whole Indonesia	W. Java	C. Java	E. Java	Java-total	Whole Indonesia
Cement	-	-	450	450	722	(-)	(-)	62.3	62.3	100.0
Textile ⁴⁾	191	496	116	803	852	22.4 (23.8)	58.2 (61.8)	13.6 (14.4)	94.2 (100.0)	100.0
Paper	6	5	12	23	40	15.0 (26.1)	12.5 (21.7)	30.0 (52.2)	57.5 (100.0)	100.0
Petroleum products	-	-	360	360	6,570	(-)	(-)	5.5	5.5	100.0
Chemical fertilizers	-	-	70	70	170	(-)	(-)	41.2	41.2	100.0

(Note) 1) Including DKI Jakarta

2) Including DI Yogyakarta

3) Figures in parentheses showing as percentage of Java-total

4) Figures shown in million meters

(Source) 1) Figures for whole Indonesia quoted from Table IIIA-4

2) Figures for Java estimated by the Study Team on the basis of various available information.

APP. Table IIIA-19 NUMBER OF LARGE & MEDIUM MANUFACTURING ESTABLISHMENTS
(1971)

	() : Percentage																				
	Jakarta			W. Java			C. Java			Yogyakarta			E. Java			JAVA Total			Indonesia		
	Large ¹⁾	Medium ²⁾	Total	Large	Medium	Total	Large	Medium	Total	Large	Medium	Total	Large	Medium	Total	Large	Medium	Total	Large	Medium	Total
Manufacture of food, beverages and tobacco	39 (5.5)	232 (2.6)	271 (2.9)	95 (13.3)	1,628 (18.6)	1,723 (18.2)	161 (22.5)	1,450 (16.5)	1,611 (17.0)	8 (1.1)	110 (1.3)	118 (1.2)	328 (45.9)	2,720 (31.0)	3,048 (32.1)	631 (88.3)	6,140 (70.0)	6,771 (71.4)	715 (100.0)	8,768 (100.0)	9,483 (100.0)
Textile, wearing apparel and leather industries	56 (12.8)	350 (9.5)	406 (9.9)	207 (47.5)	455 (12.4)	662 (16.1)	82 (18.8)	2,034 (55.3)	2,116 (51.4)	9 (2.1)	240 (6.5)	249 (6.0)	58 (13.3)	442 (12.0)	500 (12.2)	412 (94.5)	3,521 (95.7)	3,933 (95.6)	436 (100.0)	3,678 (100.0)	4,214 (100.0)
Manufacture of wood and wood products, including furniture	4	133	137	1	39	40	8	127	135	-	25	25	8	224	232	21	548	569	46	1,306	1,352
Manufacture of paper and paper products; printing and publishing	28 (32.9)	122 (19.8)	150 (21.4)	13 (15.3)	60 (9.8)	73 (10.4)	8 (9.4)	136 (22.1)	144 (20.6)	5 (5.9)	10 (1.6)	15 (2.1)	17 (20.0)	148 (24.1)	165 (23.6)	71 (83.5)	476 (77.4)	547 (78.1)	85 (100.0)	615 (100.0)	700 (100.0)
Manufacture of chemicals and of chemical, petroleum, coal, rubber and plastic products	74 (15.8)	191 (20.2)	265 (18.7)	117 (25.0)	124 (13.1)	241 (17.0)	44 (9.4)	62 (6.5)	106 (7.5)	-	6	6	72 (15.4)	267 (28.2)	339 (24.0)	307 (65.6)	650 (68.6)	957 (67.6)	468 (100.0)	947 (100.0)	1,415 (100.0)
Manufacture of non-metallic mineral products, except products of petroleum and coal	7	66	73	6	444	450	6	97	103	-	29	29	27	220	247	46	856	902	54	1,138	1,192
Manufacture of fabricated metal products, machinery and equipment	45 (37.2)	148 (14.3)	193 (16.7)	18 (14.9)	63 (6.1)	81 (7.0)	17 (14.0)	217 (21.0)	234 (20.3)	2 (1.7)	32 (3.1)	34 (2.9)	28 (23.1)	222 (21.4)	250 (21.6)	110 (90.9)	682 (65.9)	792 (66.5)	121 (100.0)	1,035 (100.0)	1,156 (100.0)
Other manufacturing industries	2 (5.7)	7 (4.9)	9 (5.1)	1 (2.9)	3 (2.1)	4 (2.2)	22 (62.8)	48 (33.8)	70 (39.5)	1 (2.9)	17 (12.0)	18 (10.2)	9 (21.7)	63 (44.4)	72 (40.7)	35 (100.0)	138 (97.2)	173 (97.7)	35 (100.0)	142 (100.0)	177 (100.0)
Total	255 (13.0)	1,249 (7.1)	1,504 (7.7)	458 (23.4)	2,816 (16.0)	3,274 (16.7)	348 (17.7)	4,171 (23.6)	4,519 (23.1)	25 (1.3)	469 (2.7)	494 (2.5)	547 (27.9)	4,306 (24.4)	4,853 (24.8)	1,633 (83.3)	13,011 (73.8)	14,644 (74.8)	1,960 (100.0)	17,629 (100.0)	19,589 (100.0)

(Note) 1) Large scale
2) Medium scale

(Source) Survey of Large and Medium Manufacturing Industries, 1971
Central Bureau of Statistic

APP. Table IIIA-20 DOMESTIC SUPPLY AND CONSUMPTION OF MAJOR COMMODITIES IN JAVA
(1972)

(1,000 tons)

	W. Java ¹⁾			C. Java ²⁾			E. Java			Java Total		
	Domestic Supply	Con- sump- tion	Balance	Domestic Supply	Con- sump- tion	Balance	Domestic Supply	Con- sump- tion	Balance	Domestic Supply	Con- sump- tion	Balance
Foodstuffs												
1.1 Rice	2,938	2,884	+54	2,455	2,683	-228	2,330	2,817	-487	7,723	8,384	-661
1.2 Maize	96	691	-595	539	658	-119	906	671	+235	1,541	2,020	-479
1.3 Cassava ³⁾	1,523	2,098	-575	2,405	1,997	+408	3,003	2,036	+967	6,931	6,131	+800
1.4 Sweet potatoes	285	590	-305	202	561	-359	326	572	-246	813	1,723	-910
1.5 Pulse ⁴⁾	482	159	+323	173	151	+ 22	373	154	+219	1,028	464	+564
1.6 Sugar ⁵⁾	87	221	-134	200	210	- 10	725	214	+511	1,012	645	+367
1.7 copra ⁶⁾	142	216	- 74	100	201	-101	116	211	- 95	358	628	-270
1.8 Meats, eggs and milks	105	150	- 45	90	139	- 49	216	146	+ 70	411	435	- 24
1.9 Fish	113	98	+ 15	45	91	- 46	75	95	- 20	233	284	- 51
1.10 Other foodstuffs ⁷⁾	1,440	1,429	+ 11	1,317	1,329	- 12	1,358	1,395	- 37	4,115	4,153	- 38
Subtotal	7,211	8,536	-1,325	7,526	8,020	-494	9,428	8,311	1,117	24,165	24,867	-702
Manufacturing consumption and capital goods												
2.1 Cement	-	427	-427	-	300	-300	450	330	+120	450	1,057	-607
2.2 Textile	31	32	- 1	68	27	+ 41	20	29	- 9	119	88	+ 31
2.3 Paper	6	47	- 41	5	39	- 34	12	42	- 30	23	128	-105
2.4 Petroleum products ⁸⁾	-	1,647	-1,647	-	1,307	-1,307	360	1,403	-1,403	360	4,357	-3,997
2.5 Fertilizer	-	680	-680	-	223	-223	70	205	-135	70	1,108	-1,038
2.6 Wood products	67	410	-343	350	381	- 31	569	401	+168	986	1,192	-206
2.7 Other goods	296	1,379	-1,083	148	1,143	-995	178	1,213	-1,035	622	3,735	-3,113
Subtotal	400	4,622	-4,222	571	3,420	-2,849	1,659	3,623	-1,964	2,630	11,665	-9,035
Export goods												
3.1 Traditional export goods ⁹⁾	130	16	+114	36	15	+ 21	49	16	+ 33	215	47	+168
3.2 Manufactured goods ¹⁰⁾	462	-	+462	233	-	+233	278	-	+278	973	-	+973
Subtotal	592	16	+576	269	15	+254	327	16	+311	1,188	47	+1,141
Grand Total	8,203	13,174	-4,971	8,366	11,455	-3,089	11,414	11,950	-536	27,983	36,579	-8,596

(Source) Domestic Supply derived from Tables
Consumption estimated by study team

- (Note)
- 1) Including DKI Jakarta
 - 2) Including DI Yogyakarta
 - 3) Including cassava used for the manufacture of tapioca flour
 - 4) Including peanuts and soyabeans
 - 5) Including brown sugar
 - 6) Including copra used for the extraction of coconut oil and fresh coconut used for cooking
 - 7) Including vegetables and fruits
 - 8) Including gasoline, kerosene, diesel oil, asphalt, heavy oil and all other refined petroleum products
 - 9) Including rubber, tea, coffee and all other export crops but extruding petroleum and other minerals
 - 10) Including goods for export to foreign and interinsular destinations

APP. Table IIIA-21 (a)

CARGOES LOADED OUT OF JAVA
(FOREIGN EXPORT)

	(1,000 tons)				
	1969	1970	1971	1972	1973
1. Agricultural products					
Rubber	63.59	51.50	46.41	71.52	73.13
Tea	22.26	12.10	15.43	25.88	25.42
Coffee	3.70	17.05	11.33	25.17	19.10
Maize	-	41.23	29.50	19.97	72.03
Peanuts & soyabeans	-	-	-	4.55	29.93
Dried cassava	4.57	8.08	11.66	28.86	38.47
Molasses	-	-	45.46	255.02	198.66
Others	216.47	296.20	438.43	425.05	251.30
Subtotal	310.59	426.16	598.22	856.02	708.04
2. Wood	13.07	15.00	18.41	50.71	49.33
3. Crude oil	-	-	-	-	738.12
4. Minerals	-	-	240.71	282.41	260.00
5. Sea products	-	-	-	7.69	13.66
6. Others	617.98	776.54	894.59	419.72	405.02
Total	941.64	1,217.70	1,751.93	1,616.55	2,174.17
Change from the previous year (%)		(29.32)	(43.87)	(-7.73)	(34.49)

(Source) Cargo loading and unloading at ports in
Indonesia, Central Bureau of Statistic

APP. Table IIIA-21 (b) CARGOES LOADED OUT OF JAVA
(INTERINSULAR)

	(1,000 tons)				
	1969	1970	1971	1972	1973
1. Foodstuffs					
Rice	70.02	121.85	272.10	158.46	311.07
Wheat flour	12.66	28.24	31.84	34.65	55.61
Maize	-	0.96	0.34	0.59	10.52
Sugar	43.96	279.15	230.71	350.62	309.34
Salt	13.73	46.43	36.21	109.46	90.18
Salted fish	0.33	0.50	0.38	0.67	0.49
Dried cassava	-	0.28	0.14	0.06	0.01
Edible oils	0.65	4.17	4.32	2.52	2.60
Other foodstuffs	87.50	6.60	6.43	32.78	50.39
Subtotal	228.85	488.18	582.47	689.81	830.21
2. Wood	-	0.03	-	-	-
3. Petroleum products	21.35	25.02	20.01	18.22	14.44
4. Textile and clothing	6.87	12.24	16.06	10.60	14.87
5. Cement	29.42	31.75	48.21	56.84	69.87
6. Fertilizer	0.74	14.37	9.55	18.34	63.22
7. Paper	0.35	2.28	1.21	0.81	2.94
8. Others	645.12	521.23	554.19	657.27	834.88
Total	932.70	1,095.10	1,231.70	1,451.89	1,830.43
Change from the previous year (%)		(17.41)	(12.47)	(17.88)	(26.07)

(Source) The same as for APP. Table IIIA-21 (a)

APP. Table IIIA-22 (a) CARGOES DISCHARGED INTO JAVA
(FOREIGN IMPORT)

	(1,000 tons)				
	1969	1970	1971	1972	1973
1. Foodstuffs					
Rice	279.38	573.28	235.53	363.07	1,094.81
Wheat flour	148.19	312.43	222.62	200.76	456.76
Sugar	15.30	65.24	116.81	0.58	133.88
Subtotal	442.87	950.95	574.96	564.41	1,685.45
2. Petroleum products	41.77	79.50	42.05	86.79	94.60
3. Textile and clothing	50.60	31.06	45.57	72.26	64.59
4. Cement	220.63	331.43	631.27	790.28	1,063.76
5. Fertilizer	182.38	209.66	334.37	620.65	685.61
6. Paper	45.88	80.98	62.50	79.09	79.71
7. Others	2,000.82	1,977.43	2,394.96	2,373.19	2,907.37
Total	2,984.95	3,661.01	4,085.68	4,586.67	6,581.09
Charge from the previous year (%)		(22.65)	(11.60)	(12.26)	(43.48)

(Source) The same as for APP. Table IIIA-21 (a)

APP. Table IIIA-22 (b)

CARGOES DISCHARGED INTO JAVA
(INTERINSULAR)

(1,000 tons)

	1969	1970	1971	1972	1973
1. Foodstuffs					
Rice	0.71	0.59	2.05	25.62	4.66
Wheat flour	-	-	0.07	0.02	89.63
Maize	-	-	-	0.02	-
Sugar	0.55	0.27	0.22	1.39	17.15
Salt	20.12	14.17	17.37	44.62	45.52
Salted fish	42.82	74.72	53.97	62.91	57.87
Edible oils	22.13	29.38	39.85	58.98	62.43
Other foodstuffs	1.78	0.93	1.01	0.98	22.30
Subtotal	88.11	120.06	114.54	194.54	299.56
2. Copra	94.48	129.00	230.72	216.27	190.42
3. Wood	148.65	263.03	267.78	355.63	588.03
4. Petroleum products	1,855.01	2,096.62	2,200.23	2,553.65	2,832.61
5. Textile and clothing	0.10	0.48	0.17	0.18	0.01
6. Cement	27.42	24.91	4.43	9.23	19.98
7. Fertilizer	31.42	63.16	72.34	78.82	89.31
8. Paper	-	-	-	4.71	0.17
9. Fish	-	0.42	0.34	0.24	0.12
10. Others	471.77	437.53	437.73	745.21	899.83
Total	2,716.96	3,135.21	3,328.28	4,158.48	4,920.04
Change from the previous year (%)		(15.39)	(6.16)	(24.94)	(18.31)

(Source) The same as for APP. Table IIIA-21 (a)

APP. Table IIIA-23 (a) OUTGOING/INCOMING CARGOES BY MAIN PORTS IN JAVA

		(1,000 tons)							Java
		Tg. Priok	Tg. Perak	Cirebon	Semarang	Cilacap	Other Ports	Total	
1969	1. Foreign								
	- Outgoing	145.11	486.79	130.80	114.05	19.26	45.63	941.64	
	- Incoming	2,204.99	562.33	9.40	167.10	38.05	3.08	2,984.95	
	Subtotal	2,350.10	1,049.12	140.20	281.15	57.31	48.71	3,926.59	
	(As % of Java)	(59.8)	(26.7)	(3.6)	(7.2)	(1.5)	(1.2)	(100.0)	
	2. Interinsular								
	- Outgoing	152.70	424.33	13.33	46.27	-	296.09	932.72	
	- Incoming	1,552.38	254.26	127.84	51.90	429.92	300.66	2,716.96	
	Subtotal	1,705.08	678.59	141.17	98.17	429.92	596.75	3,649.68	
	(As % of Java)	(46.7)	(18.6)	(3.9)	(2.7)	(11.8)	(16.3)	(100.0)	
	3. Total handling								
	- Outgoing	297.81	911.12	144.13	160.32	19.26	341.72	1,874.36	
	- Incoming	3,757.37	816.59	137.24	219.00	467.97	303.74	5,701.91	
	Total	4,055.18	1,727.71	281.37	379.32	487.23	645.46	7,576.27	
	(As % of Java)	(53.5)	(22.8)	(3.7)	(5.0)	(6.5)	(8.5)	(100.0)	
1970	1. Foreign								
	- Outgoing	220.89	668.21	99.94	119.42	23.33	85.91	1,217.70	
	- Incoming	2,669.27	604.44	101.11	246.65	36.09	3.45	3,661.01	
	Subtotal	2,890.16	1,272.65	201.05	366.07	59.42	89.36	4,878.71	
	(As % of Java)	(59.3)	(26.1)	(4.1)	(7.5)	(1.2)	(1.8)	(100.0)	
	2. Interinsular								
	- Outgoing	192.25	555.17	15.80	57.34	-	274.55	1,095.11	
	- Incoming	1,712.56	244.29	136.49	43.08	439.60	559.19	3,135.21	
	Subtotal	1,904.81	799.46	152.29	100.42	439.60	833.74	4,230.32	
	(As % of Java)	(45.0)	(18.9)	(3.6)	(2.4)	(10.4)	(19.7)	(100.0)	
	3. Total handling								
	- Outgoing	413.14	1,223.38	115.74	176.76	23.33	360.46	2,312.81	
	- Incoming	4,381.83	848.73	237.60	289.73	475.69	562.64	6,796.22	
	Total	4,794.97	2,072.11	353.34	466.49	499.02	923.10	9,109.03	
	(As % of Java)	(52.6)	(22.8)	(3.9)	(5.1)	(5.5)	(10.1)	(100.0)	

APP. Table IIIA-23 (b)

	Tg. Priok	Tg. Perak	Cirebon	Semarang	Cilacap	Other Ports	Java Total
1971							
1. Foreign							
- Outgoing	195.42	848.71	118.78	139.60	274.18	175.24	1,751.93
- Incoming	2,920.48	689.31	100.02	254.48	74.70	46.69	4,085.68
Subtotal	3,115.90	1,538.02	218.80	394.08	348.88	221.93	5,837.61
(As % of Java)	(53.4)	(26.3)	(3.7)	(6.8)	(6.0)	(3.8)	(100.0)
2. Interinsular							
- Outgoing	206.03	605.64	11.47	71.32	2.00	335.23	1,231.69
- Incoming	1,723.57	346.79	229.19	44.65	473.38	510.70	3,328.28
Subtotal	1,929.60	952.43	240.66	115.97	475.38	845.93	4,559.97
(As % of Java)	(42.3)	(20.9)	(5.3)	(2.5)	(10.4)	(18.6)	(100.0)
3. Total handling							
- Outgoing	401.45	1,454.35	130.25	210.92	276.18	510.47	2,983.62
- Incoming	4,644.05	1,036.10	329.21	299.13	548.08	557.39	7,413.96
Total	5,045.50	2,490.45	459.46	510.05	824.26	1,067.86	10,397.58
(As % of Java)	(48.5)	(24.0)	(4.4)	(4.9)	(7.9)	(10.3)	(100.0)
1972							
1. Foreign							
- Outgoing	236.06	720.64	87.62	113.85	332.50	125.88	1,616.55
- Incoming	3,079.88	873.40	204.33	324.28	45.78	59.00	4,586.67
Subtotal	3,315.94	1,594.04	291.95	438.13	378.28	184.88	6,203.22
(As % of Java)	(53.4)	(25.7)	(4.7)	(7.1)	(6.1)	(3.0)	(100.0)
2. Interinsular							
- Outgoing	279.02	725.80	12.09	74.60	2.00	358.38	1,451.89
- Incoming	2,282.61	371.01	216.45	71.48	462.95	753.98	4,158.48
Subtotal	2,561.63	1,096.81	228.54	146.08	464.95	1,112.36	5,610.37
(As % of Java)	(45.7)	(19.5)	(4.1)	(2.6)	(8.3)	(19.8)	(100.0)
3. Total handling							
- Outgoing	515.08	1,446.44	99.71	188.45	334.50	484.26	3,068.44
- Incoming	5,362.49	1,244.41	420.78	395.76	508.73	812.98	8,745.15
Total	5,877.57	2,690.85	520.49	584.21	843.23	1,297.24	11,813.59
(As % of Java)	(49.8)	(22.8)	(4.4)	(4.9)	(7.1)	(11.0)	(100.0)

APP. Table IIIA-23 (c)

	Tg. Priok	Tg. Perak	Cirebon	Semarang	Cilacap	Other Ports	Java Total
1973 1. Foreign							
- Outgoing	166.59	694.93	809.23	88.58	322.13	92.71	2,174.17
- Incoming	4,444.41	1,280.89	257.05	422.25	85.59	90.90	6,581.09
Subtotal	4,611.00	1,975.82	1,066.28	510.83	407.72	183.61	8,755.26
(As % of Java)	(52.7)	(22.6)	(12.2)	(5.8)	(4.6)	(2.1)	(100.0)
2. Interinsular							
- Outgoing	434.16	860.16	15.47	80.19	-	440.45	1,830.43
- Incoming	2,789.28	404.93	264.10	92.60	472.11	897.02	4,920.04
Subtotal	3,223.44	1,265.09	279.57	172.79	472.11	1,337.47	6,750.47
(As % of Java)	(47.8)	(18.7)	(4.1)	(2.6)	(7.0)	(19.8)	(100.0)
3. Total handling							
- Outgoing	600.75	1,555.09	824.70	168.77	322.13	533.16	4,004.60
- Incoming	7,233.69	1,685.82	521.15	514.85	557.70	987.92	11,501.13
Total	7,834.44	3,240.91	1,345.85	683.62	879.83	1,521.08	15,505.73
(As % of Java)	(50.5)	(20.9)	(8.7)	(4.4)	(5.7)	(9.8)	(100.0)
Annual Average Growth (%)							
- Foreign	18.35	17.15	66.07	16.10	63.32	39.34	22.20
- Interinsular	17.26	16.85	5.18	15.18	2.37	22.36	16.62
- Total	17.90	17.03	47.89	15.86	15.92	23.90	19.61

(Source) The same as for App. Table IIIA-21 (1)

APP. Table IIIA-24 PROJECTED GROSS DOMESTIC PRODUCT
(REPELITA II)

	1973/74 (as % of GDP)	1978/79 (as % of GDP)	Annual Growth Rate (%)
1. Agriculture, forestry & fishery	40.2	35.6	4.6
2. Mining & quarrying	9.2	9.9	9.0
3. Manufacturing	9.8	12.5	13.0
4. Construction	3.7	4.0	9.2
5. Transportation & Communication	4.1	4.7	10.0
6. Others	33.0	33.3	7.6
7. GDP	100.0	100.0	7.5

- At 1973 constant price (billion Rp.)	6,224.4	8,935.6	7.5
- At current price*	6,224.4	13,745.0	17.2

(Note) *Assuming inflation at 9.7% per year.

(Source) Second Five-Year Plan

APP. Table IIIA-25. PROJECTED PRODUCTION OF SELECTED CROPS
(1974 - 78)

	1974 (1,000 tons)	1978	Annual Average Growth Rate (%)
1. Food crop			
Paddy	15,032	18,183	4.87
a. Intensified cultivation	10,466	15,027	9.46
- New program	8,531	12,984	11.07
- Conventional program	1,912	1,636	-3.82
- Dry land paddy	23	407	105.10
b. Non-intensified			
- Cultivation	4,566	3,156	-8.82
2. Estate crops			
Rubber	855	935	2.26
Palm oil	342	518	10.94
Palm Kernel	77	116	10.79
Copra	1,244	1,320	1.49
Coffee	215	249	3.74
Tea	79	87	2.44
Chinchona	19	28	10.18
Pepper	27	32	4.34
Tobacco	76	85	2.84
Kapok	29	37	6.28
Sugar	1,089	1,356	5.64
Hard fibre	15	21	8.78

(Source) Second Five-Year Plan

APP. Table IIIA-26 PROJECTED PRODUCTION OF MINERALS

	1974/75	1978/79	Annual Average Growth Rate (%)
Crude Oil (million BBL)	529	720	8.01
Natural Gas (billion CF)			
Tin ore (1,000 tons)	22	25	3.25
Bauxite (1,000 tons)	1,100	1,200	2.20
Nickel (1,000 tons)	850	1,000	4.15
Gold (kg)	300	300	0
Silver (kg)	8,500	8,500	0

(Source) Second Five-Year Plan

APP. Table IIIA-27 PROJECTED PRODUCTION OF SELECTED
MANUFACTURING PRODUCTS

(1974/75 - 1978/79)

	1974/75	1978/79	(1,000 tons) Annual Average Growth Rate (%)
1. Chemical fertilizer	239	1,813	65.96
Nitrogenous (as urea)	(239)	(1,428)	
Phosphatic (as TSP or DAP)	(-)	(385)	
2. Cement	970	5,135	174.58
3. Paper	47	201	43.81
4. Textile			
Yarn (1,000 bales)	486	898	16.59
Fabrics (million meters)	930	1,250	7.67
5. Tire (1,000 pieces)	1,550	2,650	14.35
6. Glass	88	131	10.46
7. Steel products	235	900	39.89

(Source) Second Five-Year Plan

APP. Table IIIA-28

PROJECTED GROSS DOMESTIC PRODUCT AND INVESTMENT
(REPELITA II)

	1974/75	1975/76	1976/77	1977/78	1978/79	Total
(Rp. Billion at current market prices)						
1. Gross Domestic Product	7,564.9	8,782.9	10,196.9	11,838.7	13,744.7	
2. Investment	1,443.2	1,745.8	2,111.6	2,577.0	3,145.8	11,023.4
a. Public investment	615.7	763.6	907.0	1,136.5	1,436.0	4,858.8
- Government savings	(401.8)	(543.8)	(670.9)	(886.1)	(1,181.7)	(3,684.3)
- Foreign aid (commodity)	(89.1)	(74.2)	(59.3)	(44.5)	(29.7)	(296.8)
- Foreign aid (project)	(124.8)	(145.6)	(176.8)	(205.9)	(224.6)	(877.7)
b. Private investment	827.5	982.2	1,204.6	1,440.5	1,709.8	6,164.6
3. Investment Source/Investment (%)						
a. Public investment	42.7	43.7	43.0	44.1	45.6	44.1
- Government savings	(27.8)	(31.1)	(31.8)	(34.4)	(37.6)	(33.4)
- Foreign aid (commodity)	(6.2)	(4.3)	(2.8)	(1.7)	(0.9)	(2.7)
- Foreign aid (project)	(8.7)	(8.3)	(8.4)	(8.0)	(7.1)	(8.0)
b. Private investment	57.3	56.3	57.0	55.9	54.4	55.9
4. Investment/GDP (%)	19.1	19.9	20.7	21.8	22.9	

(Source) Second Five-Year Plan

APP. Table IIIA-29

GOVERNMENT BUDGET
(REPELITA II)

	(Rp. Billion)					
	1974/75	1975/76	1976/77	1977/78	1978/79	Total
1. Revenue						
1.1 Direct taxes	867.4	1,069.9	1,225.2	1,458.0	1,806.9	6,427.4
(oil)	(653.7)	(801.9)	(870.9)	(977.0)	(1,211.9)	(4,515.4)
1.2 Indirect taxes	466.4	578.3	684.3	824.0	953.9	3,506.9
(oil)	(19.3)	(18.5)	(18.0)	(17.0)	(16.0)	(88.8)
1.3 Non-tax revenue	29.6	45.9	58.3	73.1	92.0	298.9
1.4 Total Revenue	1,363.4	1,694.1	1,967.8	2,355.1	2,852.8	10,233.2
2. Expenditure (ordinary)	961.6	1,150.3	1,296.9	1,469.0	1,671.1	6,548.9
3. Savings	401.8	543.8	670.9	886.1	1,181.7	3,684.3

(Note) Excluding development expenditure (Source) Second Five-Year Plan

APP. Table IIIA-30 PROJECTED EXPORT/IMPORT
(1974/75 - 1978/79)

	(US\$ Million)					Annual Average
	1974/75	1975/76	1976/77	1977/78	1978/79	Growth (%)
A. Export						
1. Agro-industrial products	1,648	1,829	1,982	2,126	2,280	8.2
2. New manufacturing products	7	16	26	50	100	90.4
3. Minerals (non-oil)	175	185	232	344	520	25.4
Sub Total	1,830	2,030	2,240	2,520	2,900	11.1
As % of total export	(32.9)	(32.6)	(31.1)	(30.2)	(28.9)	
4. Oil & natural gas	3,727	4,204	4,964	5,830	7,145	32.8
As % of total export	(67.1)	(67.4)	(68.9)	(69.8)	(71.1)	
(Net)	(1,470)	(1,670)	(1,880)	(2,190)	(2,840)	(33.1)
Export Total	5,557	6,234	7,204	8,350	10,045	23.9
B. Import						
1. Consumption goods	935	925	925	890	860	-2.1
1.1 Foodstuffs	(587)	(558)	(544)	(524)	(506)	(-3.6)
1.2 Non-foodstuffs	(348)	(367)	(381)	(366)	(354)	(0.4)
As % of total import	(24.0)	(21.3)	(19.1)	(16.5)	(14.1)	
2. Raw materials/Semi-processed goods	1,375	1,530	1,725	1,950	2,230	12.9
As % of total import	(35.2)	(35.2)	(35.5)	(36.0)	(36.5)	
3. Capital goods	1,590	1,895	2,200	2,570	3,020	17.4
As % of total import	(40.8)	(43.5)	(45.4)	(47.5)	(49.4)	
Import Total	3,900	4,350	4,850	5,410	6,110	11.9
C. Export/Import Balance						
	1,657	1,884	2,324	2,860	3,235	23.2

APP. Table IIIA-31

PROJECTED BALANCE OF PAYMENT
(REPELITA II)

(US\$ million)

	1974/75	1975/76	1976/77	1977/78	1978/79
A. Goods and services					
1. Exports (FOB)	3,300	3,700	4,120	4,710	5,740
Oil (Net)	(1,470)	(1,670)	(1,880)	(2,190) 1)	(2,840) 1)
Non-oil	(1,830)	(2,030)	(2,240)	(2,520)	(2,900)
2. Imports (C&F)	-3,900	-4,350	-4,850	-5,410	-6,110
3. Services (excluding freight)	-490	-660	-750	-865	-1,090
4. Total (1) through (3) above	-1,090	-1,310	-1,485	-1,565	-1,460
B. Official transfers and capital					
1. Commodity aid	670	800	675	695	690
2. Project aid	(300)	(250)	(200)	(150)	(100)
3. Other	(300)	(350)	(425)	(495)	(540)
	(70)	(200)	(50)	(50)	(50)
C. Private investment	770	880	1,110	1,195	1,125
D. Debt service (official) 2)	-150	-170	-200	-225	-255
E. Monetary movements	-200	-200	-100	-100	-100

(Note) 1) Including natural gas
2) Including principals and interest

(Source) Second Five-Year Plan

APP. Table IIIA-32 POPULATION, GROWTH AND DENSITY FOR INDONESIA, AND JAVA
BY PROVINCES, 1961 AND 1971

	1961 Census (In 1,000's)	Percent of Total (%)	1971 Census (In 1,000's)	Percent of Total (%)	Annual Average Growth Rate (%)	Area (Km ²)	Percent of Area (%)	Density 1961-1971 (Persons/Km ²)
<u>Indonesia</u>	97,019	100.0	119,232	100.0	2.1	1,904,345	100.0	51 63
Urban	14,358	100.0	20,765	100.0	3.8			
Rural	82,661	100.0	98,467	100.0	1.8			
Percent Urban	14.8		17.4					
<u>Java</u>	62,991	64.9	76,103	63.8	1.9	132,174	6.9	477 576
Urban	9,806	68.3	13,732	66.1	3.4			
Rural	53,185	64.3	62,371	63.3	1.6			
Percent Urban	15.6		18.0					
<u>Jakarta</u>	2,907	3.0	4,576	3.8	4.6	577	-	5,038 7,931
Urban	2,907	20.2	4,576	22.0	4.6			
<u>West Java</u>	17,614	18.2	21,635	18.1	2.1	46,300	2.4	380 467
Urban	1,988	13.8	2,689	12.9	3.1			
Rural	15,626	18.9	18,946	19.2	1.9			
Percent Urban	11.3		12.4					
<u>Central Java</u>	18,409	19.0	21,878	18.3	1.7	34,206	1.8	538 640
Urban	1,855	12.9	2,357	11.4	2.4			
Rural	16,554	20.0	19,521	19.8	1.7			
Percent Urban	10.1		10.8					
<u>Yogyakarta</u>	2,241	2.3	2,490	2.1	1.1	3,169	0.2	707 786
Urban	354	2.5	408	2.0	1.4			
Rural	1,887	2.3	2,082	2.1	1.0			
Percent Urban	15.8		16.4					
<u>East Java</u>	21,820	22.5	25,524	21.4	1.6	47,922	2.5	455 533
Urban	2,706	18.8	3,702	17.8	3.2			
Rural	19,114	23.1	21,822	22.2	1.3			
Percent Urban	12.4		14.5					

(Source) Bureau of the Census: Population Census of 1961, Population Census

APP. Table IIIA-33 POPULATION PROJECTIONS FOR JAVA (URBAN AND RURAL) BY PROVINCES, 1975, 1980, 1985, 1990 and 1995

	1971	AAGR (1971-1975) (%)	1975	AAGR (1975-1980) (%)	1980	AAGR (1980-1985) (%)	1985	AAGR (1985-1990) (%)	1990	AAGR (1990-1995) (%)	1995
	'000		'000		'000		'000		'000		'000
Indonesia	119,232	2.6	132,110	2.35	148,349	2.3	166,212	2.2	185,318	2.1	205,611
Java 1)											
Urban	13,732	3.5	15,758	3.6	18,806	3.7	22,552	3.8	27,175	3.9	32,904
Rural	62,371	2.1	67,776	1.75	73,903	1.55	79,806	1.34	85,284	1.09	90,047
Total	76,103	2.36	83,534	2.11	92,709	2.0	102,358	1.9	112,459	1.8	122,951
D.K.I., Jakarta	4,576	6.10	5,800	5.36	7,531	2.69	8,598	2.62	9,784	2.49	11,066
Rural	-	-	-	-	-	-	-	-	-	-	-
Total	4,576	6.10	5,800	5.36	7,531	2.69	8,598	2.62	9,784	2.49	11,066
West Java	2,689	2.72	2,994	2.43	3,376	4.87	4,283	4.88	5,435	4.92	6,910
Rural	18,946	2.01	20,516	1.76	22,386	1.80	24,480	1.60	26,503	1.38	28,377
Total	21,635	2.10	23,510	1.85	25,762	2.23	28,763	2.12	31,938	2.01	35,287
Central Java	2,357	1.7	2,521	1.57	2,725	3.15	3,182	3.27	3,737	3.52	4,442
Rural	19,521	2.15	21,255	1.88	23,327	1.28	24,864	1.03	26,177	0.83	27,279
Total	21,878	2.10	23,776	1.85	26,052	1.49	28,046	1.3	29,914	1.18	31,721
D.I., Yogyakarta	408	1.03	425	1.15	450	1.30	480	2.12	533	1.9	567
Rural	2,082	2.31	2,281	1.97	2,515	1.38	2,693	1.08	2,841	1.09	2,999
Total	2,490	2.10	2,706	1.84	2,965	1.37	3,173	1.24	3,374	1.11	3,566
East Java	3,702	2.07	4,018	3.29	4,724	4.93	6,009	5.05	7,686	5.23	9,919
Rural	21,822	2.11	23,724	1.59	25,675	1.58	27,769	1.40	29,763	1.07	31,392
Total	25,524	2.11	27,742	1.85	30,399	2.13	33,778	2.08	37,449	1.98	41,311

Notes: 1) Including Madura

2), 3) Figures in 1975 and 1980 quoted from Population Projection (1971-1981). Bureau of Statistics

4), 5), 6) Projection by Study Team

APP. Table IIIA-34 ESTIMATED POPULATION DENSITY FOR INDONESIA AND JAVA BY PROVINCES (1975 - 1995)

	Area (km ²)	Population Density (persons per km ²)				
		1975	1980	1985	1990	1995
Indonesia	1,904,345	69	78	87	97	108
Java	132,174	632	701	774	851	930
DKI Jakarta	577	10,052	13,052	14,901	16,957	19,179
West Java	46,300	508	556	621	690	762
Central Java	34,206	695	762	820	875	927
DK Yogyakarta	3,169	1,268	1,491	1,896	2,425	3,130
East Java	47,922	579	634	705	781	862

(Note) Derived from Table IIIA-33

APP. Table IIIA-35 ECONOMIC GROWTH INDICATOR
(Past Performance)

	1969	1970	1971	1972	1973	
1. GDP growth rate (1969 = 100)						
(Real Term)	100	107.5	115.1	123.2	133.1	7.4% (AAGR)
(Money Term)	100	122.9	139.6	167.3	243.0	24.8% (AAGR)
GDP deflator	1.00	1.14	1.21	1.36	1.83	16.3% (AAGR)
2. Investment/GDP (%)						
(Real Term)	9.8	12.1	13.7	15.3	16.5	13.5 (In average)
(Money Term)	11.7	13.6	15.3	18.8	18.3	15.5 (In average)
3. Increment Capital Output Ratio (ICOR)						
(Real Term)	1.44	1.61	1.93	2.19	2.06	1.85 (In average)
(Money Term)	1.72	1.81	2.15	2.69	2.29	2.13 (In average)

(Note) AAGR: Annual Average Growth Rate

(Source) Derived from Table IIIA-6

APP. Table IIIA-36 PROJECTED ECONOMIC GROWTH INDICATOR
(REPELITA II)

	1973	1974	1975	1976	1977	1978
1. GDP growth rate (1973=100)						
(Real Term)	100	107.5	115.6	124.2	133.5	143.6
(Money Term)	100	121.5	141.1	163.8	190.2	220.8
GDP deflator	1.00	1.13	1.22	1.32	1.42	1.54
						7.5% (AAGR)
						17.2% (AAGR)
						9.0% (AAGR)
2. Investment/GDP (%)						
(Money Term)	19.1	19.1	19.1	20.7	21.8	22.9
						20.9 (In average)
3. ICOR						
(Money Term)	2.55	2.55	2.65	2.76	2.91	3.05
						2.78 (In average)

(Note) AAGR: Annual Average Growth Rate

ICOR: Increment Capital Output Ratio

(Source) Derived from Tables IIIA-24 and IIIA-28

APP. Table IIB-1 (a) PRODUCTION OF TOTAL PADDY
(Dry Stalk Paddy)

	1968	1969	1970	1971	1972	1973	1974
Java							
Production (ton)	13,603,161	14,430,709	15,165,455	16,228,348	15,635,035	17,044,296	18,312,569
Harvested area (ha)	4,264,332	4,294,091	4,302,202	4,416,135	4,335,642	4,561,977	4,725,136
Yield (Qt/ha)	31.90	33.60	35.25	36.75	36.06	37.36	38.76
D.K.I. Jakarta							
Production (ton)	51,368	42,092	22,642	27,517	30,951	26,296	27,702
Harvested area (ha)	21,544	16,754	14,008	14,056	13,472	10,516	10,837
Yield (Qt/ha)	23.84	25.15	16.16	19.57	22.97	25.01	25.56
West Java							
Production (ton)	5,161,694	5,584,006	5,625,482	6,201,710	5,917,308	6,662,222	6,929,791
Harvested area (ha)	1,691,698	1,701,348	1,713,528	1,772,046	1,715,541	1,860,500	1,892,209
Yield (Qt/ha)	30.51	32.82	32.83	34.99	34.49	35.81	36.62
Central Java							
Production (ton)	3,953,177	3,811,507	4,640,433	4,908,547	4,559,279	5,079,748	5,294,740
Harvested area (ha)	1,237,705	1,238,763	1,250,246	1,278,379	1,259,347	1,302,893	1,350,729
Yield (Qt/ha)	31.94	30.77	37.12	38.39	36.20	38.99	39.20
D.I. Yogyakarta							
Production (ton)	361,438	343,389	367,141	426,871	409,384	426,428	533,455
Harvested area (ha)	120,659	119,241	123,802	128,792	132,212	135,373	147,134
Yield (Qt/ha)	29.96	28.80	29.66	33.12	30.96	31.50	36.26
East Java							
Production (ton)	4,075,484	4,649,715	4,509,757	4,663,703	4,718,113	4,849,602	5,526,881
Harvested area (ha)	1,192,726	1,217,985	1,200,618	1,222,859	1,215,070	1,252,699	1,323,227
Yield (Qt/ha)	34.17	38.18	37.56	38.13	38.83	38.71	41.77
Indonesia							
Production (ton)	22,435,047	23,555,847	25,267,552	26,392,175	25,587,574	28,272,649	39,715,101
Harvested area (ha)	8,020,773	8,013,623	8,135,078	8,324,322	7,983,400	8,382,567	11,262,995
Yield (Qt/ha)	27.97	29.39	31.06	31.70	32.05	33.73	35.26

APP. Table III-B-1 (b) PRODUCTION OF WET LAND PADDY

	1968	1969	1970	1971	1972	1973	1974
Java							
Production (ton)	13,012,663	13,924,981	14,646,732	15,674,841	15,103,005	16,458,900	17,859,086
Harvested area (ha)	3,857,447	3,947,438	3,959,134	4,050,101	4,006,858	4,244,991	4,438,831
Yield (Qt/ha)	33.73	35.28	36.99	38.70	37.69	38.77	40.24
D.K.I. Jakarta							
Production (ton)	48,014	37,904	21,144	26,157	29,558	25,852	27,560
Harvested area (ha)	18,565	13,947	12,963	13,164	12,445	10,261	10,747
Yield (Qt/ha)	25.86	27.18	16.31	19.87	23.75	25.19	25.64
West Java							
Production (ton)	4,869,368	5,314,742	5,336,653	5,923,543	5,646,145	6,358,782	6,724,867
Harvested area (ha)	1,474,146	1,517,651	1,525,834	1,576,871	1,552,759	1,704,430	1,762,016
Yield (Qt/ha)	33.03	35.02	34.98	37.57	36.36	37.31	38.17
Central Java							
Production (ton)	3,824,320	3,741,212	4,561,354	4,817,885	4,483,285	4,984,817	5,211,841
Harvested area (ha)	1,163,211	1,191,314	1,198,540	1,221,340	1,209,991	1,250,941	1,301,936
Yield (Qt/ha)	32.88	31.40	38.06	39.45	37.05	39.85	40.03
D.I. Yogyakarta							
Production (ton)	302,300	309,287	325,832	366,396	350,995	378,903	473,008
Harvested area (ha)	85,913	81,687	86,248	87,885	88,059	97,386	104,804
Yield (Qt/ha)	35.19	37.86	37.78	41.69	39.86	38.91	45.13
East Java							
Production (ton)	3,968,661	4,521,836	4,401,749	4,540,860	4,593,022	4,710,546	5,421,810
Harvested area (ha)	1,115,612	1,142,839	1,135,549	1,150,841	1,143,604	1,181,973	1,258,328
Yield (Qt/ha)	35.57	39.57	38.76	39.46	40.16	39.85	43.09
Indonesia							
Production (ton)	20,080,093	81,474,285	23,148,517	24,307,806	23,630,429	26,225,126	37,870,762
Harvested area (ha)	6,363,570	6,543,973	6,678,731	6,892,763	6,672,791	7,151,535	10,101,677
Yield (Qt/ha)	31.55	32.82	34.66	35.27	35.41	36.67	37.49

Source: Agriculture Statistic, Dept. of Agriculture

APP. Table III-B-1 (c) PRODUCTION OF DRY LAND PADDY

	1968	1969	1970	1971	1972	1973	1974
Java							
Production (ton)	590,498	505,728	518,723	553,507	532,030	585,396	453,483
Harvested area (ha)	406,885	346,653	343,068	366,034	328,784	316,986	286,305
Yield (Qt/ha)	14.51	14.59	15.12	15.12	16.18	18.47	15.84
D.K.I. Jakarta							
Production (ton)	3,354	4,188	1,498	1,360	1,393	444	142
Harvested area (ha)	2,979	2,807	1,045	895	1,027	255	90
Yield (Qt/ha)	11.26	14.92	14.33	15.20	13.56	17.41	15.78
West Java							
Production (ton)	292,326	269,264	288,829	278,167	271,163	303,440	204,924
Harvested area (ha)	217,552	183,697	187,694	195,175	162,782	156,070	130,193
Yield (Qt/ha)	13.44	14.66	15.39	14.25	16.66	19.41	15.74
Central Java							
Production (ton)	128,857	70,295	79,079	90,662	75,994	94,931	82,899
Harvested area (ha)	74,494	47,449	51,706	57,039	49,356	51,952	48,793
Yield (Qt/ha)	17.30	14.81	15.29	15.89	15.40	18.27	16.99
D.I. Yogyakarta							
Production (ton)	59,138	34,102	41,309	60,475	58,389	47,525	60,449
Harvested area (ha)	34,746	37,554	37,554	40,907	44,153	37,987	42,330
Yield (Qt/ha)	17.02	9.08	11.00	14.78	13.22	12.51	14.28
East Java							
Production (ton)	106,823	127,879	108,008	122,843	125,091	139,056	105,071
Harvested area (ha)	77,114	75,146	65,069	72,081	71,466	70,722	64,899
Yield (Qt/ha)	13.85	17.02	16.60	17.06	17.50	19.66	16.19
Indonesia							
Production (ton)	2,354,954	8,081,562	2,120,721	2,084,369	1,957,145	2,047,521	1,844,339
Harvested area (ha)	1,657,203	1,469,650	1,456,347	1,431,559	1,310,609	1,231,032	1,161,319
Yield (Qt/ha)	14.21	14.16	14.56	14.56	14.93	16.63	15.88

APP. Table IIB-2

PRODUCTION FORECAST OF DRY STALK PADDY

Unit: Areal, 000ha'
 Production 1,000 tons
 Yield 'Qt/ha'

	1975	1980	1985	1990	1995
<u>West Java</u>					
Harvested area	1,811	1,904	2,001	2,103	2,210
Fertilized area					
High Yield Variety	635	882	1,293	1,546	1,711
Local Variety	498	654	454	330	274
Non-Fertilized area	678	368	254	227	225
Production(*1)	7,238	8,366	9,548	10,393	11,083
Production Yield (average)	40.2	43.9	47.7	49.4	50.1
<u>Central Java</u>					
Harvested area	1,433	1,470	1,545	1,624	1,707
Fertilized area					
High Yield Variety	582	735	1,066	1,236	1,343
Local Variety	400	370	213	167	164
Non-Fertilized area	451	365	266	221	200
Production(*1)	5,984	6,471	7,417	8,052	8,570
Production Yield (average)	41.8	44.0	48.0	50.0	50.2
<u>East Java</u>					
Harvested area	1,235	1,298	1,364	1,434	1,507
Fertilized area					
High Yield Variety	568	718	915	1,053	1,157
Local Variety	293	314	248	209	185
Non-Fertilized area	374	266	201	172	164
Production(*1)	5,284	5,887	6,538	7,068	7,526
Production Yield (average)	42.8	45.4	47.9	49.3	29.9

Notes: (*) H.Y.V. = 55.0 Qt/ha
 L.V. (Fertilized) = 38.0 Qt/ha
 L.V. (Non-fertilized) = 28.0

Source: Study Team's estimate

APP. Table III-B-3 PRODUCTION OF MAIZE

	1968	1969	1970	1971	1972	1973	1974
Java							
Production (ton)	2,352,734	1,601,201	2,100,750	1,883,415	1,648,706	1,907,512	2,199,281
Harvested area (ha)	2,314,390	1,598,652	2,101,648	1,858,138	1,507,866	2,223,278	1,890,788
Yield (Qt/ha)	10.17	10.02	10.00	10.14	10.93	8.58	11.63
D.K.I. Jakarta							
Production (ton)	1,687	2,821	622	519	160	128	114
Harvested area (ha)	1,484	2,438	537	704	185	116	73
Yield (Qt/ha)	11.37	11.57	11.58	7.37	8.65	11.00	15.67
West Java							
Production (ton)	207,157	122,045	125,652	113,647	103,276	190,941	145,446
Harvested area (ha)	163,779	102,193	106,559	107,986	82,868	137,864	103,373
Yield (Qt/ha)	12.64	11.94	11.79	10.52	12.46	13.85	14.07
Central Java							
Production (ton)	821,197	537,359	729,271	670,254	536,621	681,643	629,665
Harvested area (ha)	724,318	459,752	631,814	549,468	422,867	719,910	510,263
Yield (Qt/ha)	11.34	11.69	11.54	12.20	12.69	9.47	12.34
D.I. Yogyakarta							
Production (ton)	37,164	22,794	54,451	50,351	40,047	22,602	98,286
Harvested area (ha)	43,467	30,967	44,398	43,690	38,045	48,346	79,455
Yield (Qt/ha)	8.55	7.36	12.26	11.52	10.53	4.58	12.37
East Java							
Production (ton)	1,285,529	916,182	1,190,754	1,048,644	968,602	1,012,198	1,325,770
Harvested area (ha)	1,381,342	1,003,302	1,318,340	1,156,290	963,901	1,317,042	1,197,624
Yield (Qt/ha)	9.31	9.13	9.03	9.07	10.05	7.69	11.07
Indonesia							
Production (ton)	3,166,046	2,292,876	2,825,215	2,606,494	2,254,382	2,912,017	3,239,541
Harvested area (ha)	3,220,012	2,434,823	2,938,611	2,626,596	2,160,053	3,288,602	2,647,925
Yield (Qt/ha)	9.83	9.42	9.61	9.92	10.44	8.85	12.23

	1968	1969	1970	1971	1972	1973	1974
Java							
Production (ton)	8,746,982	8,251,747	8,003,189	8,074,691	7,877,767	6,321,650	10,124,026
Harvested area (ha)	1,155,442	1,144,992	1,094,089	1,101,022	1,132,824	1,043,926	1,164,546
Yield (Qt/ha)	76	72	73	73	70	61	87
D.K.I. Jakarta							
Production (ton)	56,942	50,671	33,082	22,738	12,644	10,593	7,194
Harvested area (ha)	6,575	5,892	3,892	3,252	1,547	1,115	562
Yield (Qt/ha)	87	86	85	70	82	95	128
West Java							
Production (ton)	2,060,852	2,192,665	2,020,998	1,767,528	1,718,988	1,470,815	2,559,375
Harvested area (ha)	241,304	246,447	226,093	219,441	212,967	222,483	248,483
Yield (Qt/ha)	85	89	89	81	81	66	103
Central Java							
Production (ton)	2,975,131	2,402,580	2,402,607	2,463,316	2,422,273	1,689,879	3,044,800
Harvested area (ha)	387,797	350,310	347,802	357,518	357,953	343,189	349,977
Yield (Qt/ha)	77	69	69	69	68	49	87
D.I. Yogyakarta							
Production (ton)	340,025	258,132	390,322	487,888	311,175	153,061	483,425
Harvested area (ha)	57,704	58,355	62,450	65,243	58,425	45,073	68,088
Yield (Qt/ha)	59	44	63	75	53	34	71
East Java							
Production (ton)	3,314,032	3,347,699	3,156,180	3,333,221	3,412,687	2,997,302	4,029,232
Harvested area (ha)	462,062	483,988	453,852	455,568	501,932	432,066	497,436
Yield (Qt/ha)	72	69	70	73	68	69	81
Indonesia							
Production (ton)	11,355,634	10,916,529	10,478,308	10,689,691	10,384,952	9,399,169	13,774,786
Harvested area (ha)	1,503,410	1,467,146	1,398,070	1,406,093	1,468,412	1,412,930	1,513,138
Yield (Qt/ha)	75	74	75	76	71	63	91

Source: Agriculture Statistic, Dept. of Agriculture

APP. Table III-B-5 PRODUCTION OF SWEET POTATOES

	1968	1969	1970	1971	1972	1973	1974
Java							
Production (ton)	1,360,821	1,076,790	1,073,090	946,540	905,510	986,574	1,508,058
Harvested area (ha)	247,018	187,975	185,368	174,840	160,501	200,121	165,015
Yield (Qt/ha)	55	57	58	54	56	49	91
D.K.I. Jakarta							
Production (ton)	18,943	9,472	7,900	2,142	1,594	720	1,019
Harvested area (ha)	4,118	1,933	1,647	472	292	160	182
Yield (Qt/ha)	46	49	48	45	55	45	56
West Java							
Production (ton)	454,442	353,776	367,100	338,468	315,778	441,790	566,362
Harvested area (ha)	89,327	66,249	65,211	60,888	54,836	85,994	67,424
Yield (Qt/ha)	51	53	56	56	58	51	84
Central Java							
Production (ton)	354,692	291,337	290,100	226,471	208,665	211,318	381,193
Harvested area (ha)	65,797	52,093	50,746	47,582	44,003	49,842	41,434
Yield (Qt/ha)	54	56	57	48	47	42	92
D.I. Yogyakarta							
Production (ton)	21,082	17,306	12,590	9,455	16,145	11,612	24,181
Harvested area (ha)	3,904	3,244	2,386	2,043	2,323	2,755	1,904
Yield (Qt/ha)	54	53	53	46	70	42	127
East Java							
Production (ton)	511,662	404,899	395,400	370,004	363,328	321,134	535,303
Harvested area (ha)	83,872	64,456	65,378	63,855	59,047	61,370	54,071
Yield (Qt/ha)	61	63	60	58	62	52	99
Indonesia							
Production (ton)	2,362,500	2,260,185	2,175,000	2,211,160	2,066,300	2,180,166	2,916,393
Harvested area (ha)	403,866	369,443	357,568	356,866	337,811	375,129	332,765
Yield (Qt/ha)	58	61	61	62	61	58	88

	1968	1969	1970	1971	1972	1973	1974
Java							
Production (ton)	357,082	340,842	489,258	451,732	446,646	343,884	427,937
Harvested area (ha)	543,026	475,591	596,717	581,496	582,049	606,917	595,973
Yield (Qt/ha)	6.58	7.17	7.19	7.77	7.67	5.67	7.18
D.K.I. Jakarta							
Production (ton)	-	-	-	-	-	-	-
Harvested area (ha)	-	-	-	-	-	-	-
Yield (Qt/ha)	-	-	-	-	-	-	-
West Java							
Production (ton)	15,978	15,196	15,815	21,738	20,405	23,316	23,804
Harvested area (ha)	28,531	23,816	26,230	27,321	24,723	34,246	37,665
Yield (Qt/ha)	5.60	6.38	6.03	7.96	8.25	6.81	6.32
Central Java							
Production (ton)	82,432	52,041	93,637	110,812	86,341	94,528	107,557
Harvested area (ha)	131,758	76,246	145,529	146,700	125,152	172,953	165,472
Yield (Qt/ha)	6.25	6.82	6.43	7.55	6.90	5.47	6.50
D.I. Yogyakarta							
Production (ton)	12,417	16,286	13,629	13,068	20,498	9,241	28,775
Harvested area (ha)	24,252	23,629	25,593	25,365	29,976	28,374	33,853
Yield (Qt/ha)	5.12	6.89	5.33	5.15	6.84	3.26	8.50
East Java							
Production (ton)	246,255	257,319	306,177	306,114	319,402	216,799	267,801
Harvested area (ha)	358,485	351,900	399,365	382,110	402,198	371,344	358,983
Yield (Qt/ha)	6.87	7.31	7.67	8.01	7.94	5.84	7.46
Indonesia							
Production (ton)	419,930	388,907	497,883	515,644	518,229	446,243	550,225
Harvested area (ha)	676,087	553,783	694,732	679,625	697,500	750,506	753,499
Yield (Qt/ha)	6.20	7.02	7.17	7.59	7.43	5.95	7.30

Source: Agriculture Statistic, Dept. of Agriculture

APP. Table III-B-7 PRODUCTION OF PEANUTS

	1968	1969	1970	1971	1972	1973	1974
Java							
Production(ton)	234,430	194,445	220,845	223,789	225,768	229,164	250,070
Harvested area (ha)	324,126	290,128	301,256	296,511	280,120	310,036	327,858
Yield(Qt/ha)	7.23	6.70	7.33	7.55	8.06	7.39	7.63
D.K.I. Jakarta							
Production(ton)	1,613	1,414	539	387	208	148	140
Harvested area (ha)	2,657	2,373	894	551	182	145	134
Yield(Qt/ha)	6.07	5.96	6.03	7.02	11.45	10.20	10.43
West Java							
Production(ton)	49,860	40,662	38,928	46,738	50,782	84,007	44,589
Harvested area (ha)	73,690	58,468	55,113	59,447	53,972	79,530	62,188
Yield(Qt/ha)	6.77	6.95	7.06	7.86	9.41	10.50	7.17
Central Java							
Production(ton)	67,350	51,226	62,959	58,464	65,322	52,361	68,933
Harvested area (ha)	91,828	76,218	84,842	77,367	82,225	78,160	91,911
Yield(Qt/ha)	7.33	6.73	7.42	7.56	7.94	6.70	7.50
D.I.Yogyakarta							
Production(ton)	16,196	13,392	15,851	18,055	17,842	9,477	21,093
Harvested area (ha)	21,486	27,080	25,219	23,322	23,597	21,290	34,522
Yield(Qt/ha)	7.54	4.94	6.29	7.74	7.56	4.45	6.11
East Java							
Production(ton)	99,411	87,711	102,568	100,145	91,614	83,171	115,315
Harvested area (ha)	134,465	125,989	135,188	135,824	120,144	130,911	139,101
Yield(Qt/ha)	7.39	6.96	7.59	7.37	7.63	6.35	8.29
Indonesia							
Production(ton)	286,698	267,158	281,309	283,773	282,205	303,497	314,762
Harvested area (ha)	394,601	372,279	380,060	375,752	353,818	407,185	408,836

APP. Table III-B PRODUCTION FORECAST OF SECONDARY FOOD CROPS

Unit: Areal, 000ha'
Yield 'Ct/ha'
Production, 000 tons

	1975			1980			1985			1990			1995		
	W.J.	C.J.	E.J.	W.J.	C.J.	E.J.	W.J.	C.J.	E.J.	W.J.	C.J.	E.J.	W.J.	C.J.	E.J.
Maize, shelled															
Harvested area	126	701	1,201	142	796	1,360	163	912	1,561	184	1,029	1,761	210	1,169	2,001
Production yield	1.15	1.15	1.15	1.25	1.25	1.25	1.35	1.35	1.35	1.45	1.45	1.45	1.55	1.55	1.55
Production	145	807	1,381	178	995	1,700	220	1,141	1,951	267	1,492	2,553	326	1,812	3,102
Cassava, fresh															
Harvested area	247	415	493	253	425	505	258	435	517	264	446	530	272	457	542
Production yield	7.20	7.20	7.20	7.70	7.70	7.70	8.20	8.20	8.20	8.70	8.70	8.70	9.20	9.20	9.20
Production	1,778	2,988	3,550	1,948	3,273	3,889	2,116	3,567	4,239	2,297	3,880	4,611	2,502	4,204	4,986
Sweet potatoes, fresh															
Harvested area	75	48	60	77	49	62	79	50	64	81	52	65	83	53	67
Production yield	8.50	8.50	8.50	9.10	9.10	9.10	9.70	9.70	9.70	10.40	10.40	10.40	11.20	11.20	11.20
Production	638	408	510	701	446	564	766	485	621	842	541	676	930	593	750
Soya beans, shelled															
Harvested area	37	199	357	41	218	393	45	238	428	49	258	463	52	278	500
Production yield	0.75	0.75	0.75	0.80	0.80	0.80	0.85	0.85	0.85	0.90	0.90	0.90	0.95	0.95	0.95
Production	28	150	268	33	175	314	38	202	364	44	233	417	49	264	475
Peanuts, shelled															
Harvested area	69	139	153	73	148	164	78	158	173	82	166	185	87	176	194
Production yield	0.80	0.80	0.80	0.85	0.85	0.85	0.90	0.90	0.90	0.95	0.95	0.95	1.00	1.00	1.00
Production	55	111	122	62	126	139	70	143	156	78	158	176	87	176	194
Other food crops(*)															
Production	1,574	1,422	1,490	1,822	1,588	1,663	2,082	1,740	1,882	2,367	1,889	2,125	2,677	2,038	2,386

---Note: W.J.: West Java C.J.: Central Java E.J.: East Java ---Source: Study-Team's Estimate

(*) incl. Fruits & Vegetables

APP. Table IIIB-9 PER CAPITA CONSUMPTION OF FOOD CROPS

	(kg/capita)				
	1969	1970	1971	1972	1973
Rice milled	97-104	100-113	105-112	99-106	105-120
Maize, shelled	18.7-20.4	22.6-25.6	15.8-22.6	17.2-19.4	21.2-21.7
Cassava, fresh	84-99	79-94	79-92	75-87	66-68
Sweet potatoes, fresh	13.2-17.8	16.8-25.9	16.7-21.6	15.2-24.1	15.6-23.2
Soyabeans, shelled	3.1-3.9	3.9-4.2	3.5-3.9	3.6-3.9	3.2-3.9
Peanuts, shelled	2.1-2.4	2.2-2.5	2.2-2.5	2.1-2.6	2.2-2.6

Source: o FAO
o Indonesian Agriculture Sector Survey, IBRD
o Study team's estimate on Statistics of Production and Trade

APP. Table IIIB-10 PROJECTED PER CAPITA CONSUMPTION OF FOOD CROPS

	(kg/capita)				
	1975	1980	1985	1990	1995
Rice, milled	113	116	119	122	125
Maize, shelled	26.3	26.5	26.7	26.9	27.1
Cassava, fresh	78.0	76.0	74.0	72.0	70.0
Sweet Potatoes, fresh	22.0	21.5	21.0	20.5	20.0
Soyabeans, shelled	3.9	4.0	4.1	4.2	4.3
Peanuts, shelled	2.4	2.5	2.5	2.6	2.6
Other food crops	53	54	55	56	57

Source: Study Team's Estimate

	1975			1980			1985			1990			1995		
	W.J.	C.J.	E.J.	W.J.	C.J.	E.J.	W.J.	C.J.	E.J.	W.J.	C.J.	E.J.	W.J.	C.J.	E.J.
Rice, milled															
Production	3,597	2,959	2,611	4,130	3,195	2,911	4,701	3,633	3,228	5,080	3,923	3,493	5,394	4,166	3,715
Consumption	3,312	2,993	3,135	3,862	3,366	3,526	4,446	3,715	4,020	5,090	4,061	4,569	5,794	4,411	5,164
Balance	285	-34	-524	268	-171	-615	255	-82	-792	-10	-138	-1,076	-400	-245	-1,449
Maize, shelled															
Production	136	755	1,291	166	930	1,590	206	1,067	1,824	250	1,395	2,387	305	1,695	2,900
Consumption	771	697	730	882	769	806	998	834	902	1,122	895	1,007	1,256	956	1,120
Balance	-635	59	561	-716	161	784	-792	234	922	-872	500	1,380	-951	739	1,781
Cassava, fresh															
Production	1,565	2,630	3,124	1,714	2,879	3,422	1,862	3,139	3,731	2,021	3,415	4,058	2,202	3,700	4,388
Consumption	2,286	2,066	2,164	2,530	2,205	2,310	2,765	2,310	2,500	3,004	2,397	2,696	3,245	2,470	2,892
Balance	-721	564	960	-816	674	1,112	-903	829	1,231	-983	1,018	1,362	-1,043	1,230	1,496
Sweet potatoes, fresh															
Production	574	367	459	631	401	508	689	436	559	758	487	608	837	534	675
Consumption	645	583	610	716	624	654	785	656	709	855	682	768	927	706	826
Balance	-71	-216	-151	-85	-223	-146	-96	-220	-150	-97	-195	-160	-90	-172	-151
Soya beans, shelled															
Production	25	137	244	30	159	286	35	184	331	40	212	379	45	240	432
Consumption	114	103	108	133	116	122	153	128	139	175	140	157	199	152	178
Balance	-89	34	136	-103	43	164	-118	56	193	-135	72	222	-154	88	254
Peanuts, shelled															
Production	50	101	110	56	115	126	64	130	142	71	144	160	79	160	177
Consumption	70	64	67	83	73	76	93	78	84	109	87	94	121	92	107
Balance	-20	37	44	-27	43	50	-29	52	58	-38	58	63	-42	68	70
Other food crops(*)															
Production	1,574	1,422	1,490	1,822	1,588	1,663	2,082	1,740	1,882	2,367	1,889	2,125	2,677	2,038	2,386
Consumption	1,553	1,404	1,470	1,798	1,567	1,642	2,055	1,717	1,858	2,336	1,864	2,097	2,642	2,011	2,355
Balance	21	18	19	24	21	22	27	23	25	31	24	28	35	27	31

Notes: W.J.: West Java C.J.: Central Java E.J.: East Java Source: Study Team's Estimate

(*) incl. Fruits & Vegetables

APP. Table IIIB-12 PRODUCTION, AREA AND YIELD OF RAW SUGAR

	1965	1969	1970	1971	1973
West Java					
Production (ton)	92,455	72,900	73,071	72,257	65,143
Area harvested (ha)	9,833	10,398	10,302	7,675	8,377
Yield (Qt/ha)	73.7	70.1	70.9	94.1	77.8
Central Java					
Production (ton)	233,244	271,165	226,093	235,331	214,106
Area harvested (ha)	22,304	28,185	26,031	21,641	23,350
Yield (Qt/ha)	104.6	96.2	87.2	108.7	91.7
East Java					
Production (ton)	567,456	584,190	602,134	526,364	540,562
Area harvested (ha)	70,119	73,927	83,691	54,355	68,052
Yield (Qt/ha)	80.9	79.0	71.9	96.8	79.4
Java Total					
Production (ton)	873,155	928,255	902,108	833,952	819,811
Area harvested (ha)	102,256	112,510	120,024	83,671	99,781
Yield (Qt/ha)	85.4	82.5	75.2	99.7	82.2

(Source) Planted Area, Production and Stocks of Principal Estate Crops,
Biro Pusat Statistik

APP. TABLE IIIB-13 PROJECTED PRODUCTION, AREA, AND YIELD OF RAW SUGAR

	1975	1980	1985	1990	1995
West Java					
Production (000 ton)	113	131	158	194	231
Area harvested (ooo ha)	12.8	14.6	17.2	20.6	24.1
Yield (Qt/ha)	88	90	92	94	96
Central Java					
Production	287	332	399	489	583
Area harvested	32.6	36.9	43.3	52.0	60.7
Yield	88	90	92	94	96
East Java					
Production	920	1,067	1,283	1,573	1,874
Area harvested	104.6	118.5	139.5	167.4	195.2
Yield	88	90	92	94	96
Total Java					
Production	1,320	1,530	1,840	2,256	2,688
Area harvested	150.0	170	200	240	280
Yield	88	90	92	94	96

Source: Study Team's Estimate

APP. Table IIIB-14 COPRA PRODUCTION AND EXPORT IN INDONESIA

Copra equivalent: (1,000 ton)

	Production Coconuts	Export			Balance
		Copra	Copra Cake	Coconut Oil	
1966	1,129	119	143	1	866
1967	1,094	114	166	nil	814
1968	1,131	217	168	29	717
1969	1,165	157	192	7	809
1970	1,199	185	208	10	796
1971	1,274	77	245	1	951
1972	1,313	42	258	57	956

Source: Data Statistic Perkebunan,
Central Bureau of Statistics,
Bank Indonesia

APP. Table IIIB-15 PRODUCTION OF MISCELLANEOUS CASH CROPS

(Unit: 1,000 tons)

	Rubber	Tea	Coffee	Oil palm	Tobacco	Total
1966	737	120	319	109	167	1,452
1967	699	116	328	110	145	1,398
1968	739	117	338	115	151	1,460
1969	777	111	377	121	223	1,609
1970	809	114	290	124	164	1,501
1971	817	98	393	139	151	1,598
1972	760	96	388	141	161	1,546
Java (1970)	105	63	29	nil	12	209
Percentage (%) of Java production against whole Indonesia (1970)	13.0	55.3	10.0	0	7.3	13.9

(Source) Direktorat General of Estate

APP. Table IIIB-16

PROJECTED MISCELLANEOUS CASH CROP PRODUCTION

(Unit: 1,000 tons)

	1975	1980	1985	1990	1995
West Java					
Rubber	68.3	70.3	72.2	74.2	76.1
Tea	58.5	60.4	62.2	63.2	64.1
Coffee	3.2	3.3	3.4	3.5	3.6
Others	2.1	2.1	2.1	2.1	2.1
Total	132.1	136.1	139.9	143.0	145.9
Central Java					
Rubber	19.2	19.8	20.4	20.9	21.4
Tea	2.3	2.3	2.4	2.4	2.5
Coffee	5.4	5.5	5.7	5.9	6.1
Others	11.3	11.3	11.3	11.3	11.3
Total	38.2	38.9	39.8	40.5	41.3
East Java					
Rubber	17.5	17.9	18.4	18.9	19.5
Tea	2.2	2.3	2.4	2.4	2.4
Coffee	20.4	21.2	21.9	22.6	23.3
Others	13.6	13.6	13.6	13.6	13.6
Total	53.7	55.0	56.3	57.5	58.8
Java Total	224.0	230.0	236.0	241.0	246.0

Source: Study Team's Estimate

APP. Table IIIB-17

CASH CROP CONSUMPTION (1969-1972 average)

	Java		Indonesia	
	Consumption (1,000 ton)	Per Capita (kg/year)	Consumption (1,000 ton)	Per Capita (kg/year)
Sugar	738.2	9.76	1,087.8	9.17
Cpra	539.1	7.42	878.0	7.13
Miscellaneous	125.7	1.67	420.3	3.56

Source: Data Statistic Perkebunan,
Central Bureau Statistics,
Study Team's Estimate

APP. Table III-B-18 PROJECTED CASH CROPS PER CAPITA CONSUMPTION

	1975	1980	1985	1990	1995
Sugar, raw	11.2	12.2	13.2	14.2	15.2
Copra	9.0	9.0	9.0	9.0	9.0
Other cash crops*)	0.6	0.6	0.6	0.6	0.6

*) Include rubber, coffee, tobacco, tea, cacao, kapok, coconuts, quinine, palm oil, roselle/abaca and etc.

Source: Study Team's Estimate

APP. Table III-B-19 LAND AND FOREST AREAS OF INDONESIA, 1972

(unit: 1,000 ha)

	(A) Total land area	(B) Forest land	(B)/(A) x100 (%)	(C) Produc- tion forest land	(C)/ (A)x 100 (%)	(D) Protec- tion forest land	(E) Protect/ Produc- tion forest land	(F) Others
Sumatra	51,306	28,420	55	1,780	7	5,257	181	21,202
Java	12,843	2,890	23	1,804	62	834	-	252
Kalimantan	54,116	41,470	77	2,404	6	456	1,840	36,770
Sulawesi	18,904	9,910	52	243	3	3,487	2,672	3,508
West Irian & Balance	57,006	39,535	69	65	1	1,497	-	37,937
Total Indonesia	194,175	122,225	63	6,403	5	11,535	4,694	99,595

Source: Directorate of Forest Planning & Director
General of Forestry
Statistic Year Book, Central Bureau of Stat

APP. Table IIIB-20 ESTIMATED PRODUCTION OF FOREST PRODUCT IN JAVA, 1973

	Production forest land (1,000 Ha)	(%)	Production (1,000 Tons)	(%)	Tons/Ha
West Java	420	45	69.2	63	0.165
Central Java	570	32	302.5	30	0.531
East Java	810	23	621.8	7	0.768
Java Total	1,800	100	993.5	100	0.552

Source: Statistical Pocketbook
Indonesia, Central Bureau
of Statistic

APP. Table IIIB-21 PROJECTED FOREST PRODUCTS PER CAPITA CONSUMPTION

	(kg) Urban: Rural=1:1.5		
	Java	Urban	Rural
1975	15.9	11.3	16.9
1980	18.1	12.9	19.3
1985	21.5	15.5	23.4
1990	25.8	18.7	28.0
1995	28.9	21.2	31.9

Source: Study Team's Estimate

PROJECTED FOREST PRODUCTS BALANCE IN JAVA

	(1,000 tons)				
	1975	1980	1985	1990	1990
West Java					
Production	68.5	68.5	68.5	68.5	68.5
Consumption	467.8	601.7	812.2	1,077.5	1,351.5
Balance	-399.3	-533.2	-743.7	-1,009.0	-1,283.0
Central Java					
Production	357.7	357.7	357.7	357.7	357.7
Consumption	451.6	567.5	737.6	936.8	1,126.0
Balance	-93.9	-209.8	-379.9	-579.1	-768.3
East Java					
Production	581.3	581.3	581.3	581.3	581.3
Consumption	467.7	585.0	781.1	1,025.7	1,272.8
Balance	113.6	-3.6	-199.7	-444.3	-691.5
Java Total					
Production	1,007.5	1,007.5	1,007.5	1,007.5	1,007.5
Consumption	1,387.1	1,754.2	2,330.9	3,040.0	3,750.3
Balance	-379.6	-746.7	-1,323.4	-2,032.5	-2,742.8

(Source) Study Team's Estimate

APP. Table IIIB-23 SLAUGHTERED LIVESTOCK, AND PRODUCTION OF MILK AND EGGS, 1972

	Cattle slaughtered	Buffaloes (1,000 heads)	Pigs	Goats	Sheep	Milk (1,000 litre)	Eggs (small holders) (1,000 units)
D.K.I. Jakarta	75.0	16.1	130.2	55.2	15.9	4,004.2	20,244 (2,557)
West Java	61.7	56.7	41.4	78.3	100.9	6,347.8	41,888 (10,598)
Central Java	109.7	28.2	34.8	153.0	57.4	7,900.0	104,238 (5,972)
D.I. Yogyakarta	20.8	2.7	4.2	27.2	2.8	474.1	4,106 (4,039)
East Java	311.9	7.4	72.1	170.8	45.1	11,246.2	453,202 (426,546)
Total Java	579.1	111.1	282.7	484.6	222.2	29,972.3	623,678

Source: Directorate General of Veterinary,
Dept. of Agriculture

APP. Table IIIB-24 ESTIMATED PRODUCTION OF LIVESTOCK, MILK AND EGGS IN WEIGHT, 1972

	Cattle	Buffaloes	Pigs	Goats	Sheep	Live- stock Total	Milk	Eggs	Total
D.K.I. Jakarta	23.3	4.4	11.8	1.5	0.4	41.4	4.0	1.7	47.1
West Java	19.2	15.7	3.7	2.1	2.3	43.0	6.3	4.7	54.0
Central Java	34.0	7.8	3.1	4.1	1.3	50.3	7.9	7.1	65.3
D.I. Yogyakarta	6.4	0.8	0.4	0.7	1.0	9.3	0.5	1.1	10.9
East Java	96.9	2.1	6.5	4.6	0.1	110.2	11.2	119.8	241.2
Total Java	179.8	30.8	25.5	13.0	5.1	254.2	29.9	134.4	418.5

Source: Study Team's Estimate

	(1,000 tons)				
	1975	1980	1985	1990	1995
West Java					
Livestock	67.8	77.9	81.8	86.0	90.2
Eggs	15.3	17.6	20.7	24.5	28.8
Milk	8.2	8.6	9.1	9.5	10.0
Total Production	91.3	104.1	111.6	120.0	129.0
Total Consumption	175.9	206.4	246.6	296.2	356.9
Balance	-84.6	-102.3	-135.0	-176.2	-227.9
Central Java					
Livestock	65.2	67.0	70.3	73.8	77.5
Eggs	26.9	30.8	36.4	43.2	50.7
Milk	6.7	7.0	7.3	7.7	8.1
Total Production	98.8	104.8	114.0	124.7	136.3
Total Consumption	158.9	179.9	206.0	236.3	271.7
Balance	-60.1	-75.1	-92.0	-111.6	-135.4
East Java					
Livestock	143.0	144.9	152.2	159.7	167.8
Eggs	112.2	129.0	152.0	180.3	211.6
Milk	8.9	9.4	9.8	10.3	10.8
Total Production	264.1	283.3	314.0	350.3	390.2
Total Consumption	166.5	188.5	222.9	265.9	318.1
Balance	97.6	94.8	91.1	84.4	72.1
Java Total					
Livestock	276.0	289.8	304.3	319.5	335.5
Eggs	154.4	177.4	209.1	248.0	291.1
Milk	23.8	25.0	26.2	27.5	28.9
Total Production	454.2	492.2	539.6	595.0	655.5
Total Consumption	501.3	574.8	675.5	798.4	946.7
Balance	-47.1	-82.6	-135.9	-203.4	-291.2
Per Capita Consumption (kg)	5.7	5.9	6.3	6.8	7.3

Source: Study Team's Estimate

FRESH FISH PRODUCTION

(1,000 tons)

	1971	1973
West Java		
Inland Fishery	83.8	64.3
Sea Fishery	63.0	55.7
Total	146.8	120.0
Central Java		
Inland Fishery	13.4	11.3
Sea Fishery	29.0	35.6
Total	42.4	46.9
East Java		
Inland Fishery	29.1	30.2
Sea Fishery	46.0	49.0
Total	75.1	79.2
Java Total		
Inland Fishery	126.3	105.8
Sea Fishery	138.0	140.3
Total	264.3	246.1

(Source) Directorate General of Fisheries,
Dept. of Agriculture

APP. Table IIIB-27 PROJECTED FISH AND FISH PRODUCTS BALANCE

(1,000 tons)

	1975	1980	1985	1990	1995
West Java					
Production	129.3	164.9	210.5	268.7	342.9
Consumption	117.2	143.2	171.9	208.6	250.3
Balance	12.0	21.8	38.7	60.1	92.6
Central Java					
Production	51.7	65.9	84.2	107.5	137.1
Consumption	105.9	124.8	143.6	166.4	190.5
Balance	-54.2	-58.8	-59.4	-58.9	-53.4
East Java					
Production	86.2	110.0	140.4	179.2	228.7
Consumption	111.0	130.7	155.4	187.2	223.1
Balance	-24.8	-20.7	-15.0	-8.1	5.6
Java Total					
Production	267.2	340.8	435.1	555.4	708.7
Consumption	334.1	398.7	470.9	562.3	663.9
Balance	-66.9	-57.9	-35.8	-6.9	44.8
Per Capita Consumption (kg)	3.8	4.1	4.4	4.8	5.1

(Source) Study Team's Estimate

APP. Table IIIB-28 CEMENT CONSUMPTION IN INDONESIA

	Total Consumption (ton)	Per Capita Consumption (kg)
1965	734,976	7.0
1966	490,758	4.6
1967	519,103	4.7
1968	661,038	5.9
1969	1,006,440	8.8
1970	1,199,762	10.3
1971	1,447,230	12.1
1972	1,626,520	13.3

(Source) ASOSIASI CEMEN INDONESIA '73

APP. Table IIIB-29 PROJECTED CEMENT PER CAPITA CONSUMPTION
(kg) Rural:Urban = 1:2.8

	Indonesia	Rural	Urban
1975	17.5	13.0	36.5
1980	27.4	20.1	56.4
1985	43.2	30.9	86.6
1990	68.2	47.6	133.4
1995	108.4	72.9	204.3

(Source) Study Team's Estimate

APP. Table IIIB-30

CEMENT PER CAPITA CONSUMPTION
PROJECTION IN ASIAN REGION

	(per capita consumption in kg)			
	1970	1975	1980	1985
	(Actual)			
Indonesia	8.3	11.3	14.3	16.9
Khmer Rep.	22.5	25.3	32.9	45.0
Rep. of Korea	169.4	245.8	320.8	413.6
Laos	15.4	23.5	30.8	45.0
Malaysia	66.0	104.5	122.0	133.8
Philippines	65.9	90.8	104.7	120.6
Singapore	358.6	469.0	569.0	642.6
Sri Lanka	25.3	47.3	58.6	64.6
Thailand	67.8	83.4	102.5	115.2
Rep. of Vietnam	53.2	60.5	75.8	87.9
Total Region	50.7	69.7	86.5	103.7

(Source) AIS Projection (ASIAN INDUSTRIAL SURVEY)

APP. Table IIIB-31 PROJECTED CEMENT PRODUCTION

(1,000 tons)

		1972	1975	1980	1985	1990	1995
<u>Java</u>	Capacity	500	500	1,900	2,900	4,400	5,400
	Production	450	450	1,710	2,610	3,960	4,860
Surabaya	Capacity	500	500	1,000	1,000	1,500	2,000
	Production	450	450	900	900	1,350	1,800
Bogor	Capacity	-	-	500	1,000	1,500	2,000
	Production	-	-	450	900	1,350	1,800
Cilacap	Capacity	-	-	400	900	1,400	1,400
	Production	-	-	360	810	1,260	1,260
<u>Other Island</u>	Capacity	300	450	1,850	4,300	8,300	16,800
	Production	270	405	1,539	3,870	7,440	15,140
<u>Indonesia</u>	Capacity	800	950	3,750	7,200	12,700	22,200
	Production	720	855	3,249	6,480	11,400	20,000
	Consumption	1,627	2,310	4,071	7,175	12,644	22,283
	Sufficiency (%)	44	37	80	90	90	90

(Source) Study Team's Estimate

APP. Table IIIB-32

PROJECTED CEMENT BALANCE IN JAVA

	(1,000 tons)				
	1975	1980	1985	1990	1995
West Java					
Production	-	450	900	1,350	1,800
Demand	618	1,118	1,964	3,457	6,027
Balance	-618	-668	-1,064	-2,107	4,227
Central Java					
Production	-	360	810	1,260	1,260
Demand	435	733	1,226	2,049	3,391
Balance	-435	-373	-416	-789	-2,131
East Java					
Production	450	900	900	1,350	1,800
Demand	479	821	1,446	2,565	4,529
Balance	-29	79	-546	-1,215	-2,729
Java Total					
Production	450	1,710	2,610	3,960	4,860
Demand	1,532	2,672	4,636	8,071	13,947
Balance	-1,082	-962	-2,026	-4,111	-9,087

(Source) Study Team's Estimate

APP. Table IIIB-33

TEXTILE PER CAPITA CONSUMPTION
IN ASIAN REGION

	1970	1971	1972	1973
Indonesia	0.8	0.9	1.1	1.3
India	2.2	2.1	2.3	2.2
Nepal	0.9	0.7	0.9	1.0
Sri Lanka	2.0	2.2	2.1	2.3
Pakistan	4.9	4.1	3.5	4.3
Bangladesh	0.9	0.2	0.5	0.6
Borneo	2.5	2.5	3.1	2.9
Burma	1.4	0.8	0.6	0.6
Korea, Rep of	4.6	4.4	2.6	3.4
Malaysia (west)	3.3	3.3	3.1	3.1
Philippines	2.0	2.3	2.2	2.0
Thailand	2.8	2.7	3.0	3.1

(Source) FAO

APP. Table IIIB-34

PROJECTED TEXTILE PER CAPITA CONSUMPTION

Rural:Urban = 1:1.2

	Indonesia	Rural	Urban
1975	1.20	1.16	1.39
1980	1.40	1.35	1.62
1985	1.60	1.53	1.84
1990	1.90	1.81	2.18
1995	2.20	2.09	2.50

(Source) Study Team's Estimate

APP. Table IIIB-35

PROJECTED TEXTILE CONSUMPTION IN JAVA

	(1,000 ton)				
	1975	1980	1985	1990	1995
<u>West Java</u>					
Natural	23.8	29.8	31.5	34.2	38.2
Synthetic	14.0	20.1	32.1	51.2	71.0
Sub Total	37.8	49.9	63.6	85.4	109.2
<u>Central Java</u>					
Natural	20.5	24.8	25.3	27.2	27.8
Synthetic	12.2	16.8	25.7	37.8	51.8
Sub Total	32.7	41.6	51.0	65.0	79.6
<u>East Java</u>					
Natural	21.6	26.2	27.7	29.6	33.1
Synthetic	12.9	17.8	28.1	44.6	61.8
Sub Total	34.5	44.0	55.8	74.2	94.9
<u>Java Total</u>					
Natural	65.9	80.8	84.5	91.0	99.1
Synthetic	39.1	54.7	85.9	133.6	184.6
Sub Total	105.0	135.5	170.4	224.6	283.7

Source: Study Team's Estimate

APP. Table IIIB-36

DISTRIBUTION OF TEXTILE MANUFACTURING CAPACITY
IN 1972 (%)

	Spinning	Weaving
D.K.I. Jakarta	11.0	4.5
West Java	39.2	63.9
Central Java	18.3	16.9
D.I. Yogyakarta	4.7	3.1
East Java	17.9	7.1
Outer Island	8.9	4.5
Indonesia	100.0	100.0

Source: Daftar Perusahaan Industri
III-64 : Tekstil Di Indonesia 1972,
Departemen perindustrian

APP. Table IIIB-37 PROJECTED TEXTILE BALANCE IN JAVA

	(1,000 ton)				
	1975	1980	1985	1990	1995
West Java					
Production	5.0	54.9	49.3	77.0	108.0
Demand	37.8	49.9	63.6	85.4	109.2
Balance	-32.8	5.0	-14.3	-8.4	-1.2
Central Java					
Production	0	0	0	0	0
Demand	32.7	41.6	51.0	65.0	79.6
Balance	-32.7	-41.6	-51.0	-65.0	-79.6
East Java					
Production	0	0	36.6	56.6	76.6
Demand	34.5	44.0	55.8	74.2	94.9
Balance	-34.5	-44.0	-19.2	-17.6	-18.3
Java Total					
Production	5.0	54.9	85.9	133.6	184.6
Demand	105.0	135.5	170.4	224.6	283.7
Balance	-100.0	-80.6	-84.5	-91.0	99.1

Source: Study Team's Estimate.

APP. Table IIIB-38 PROJECTED PAPER PER CAPITA CONSUMPTION (KG)

	Rural: Urban = 1:1.5		
	Indonesia	Rural	Urban
1975	1.88	2.60	1.70
1980	2.48	2.30	3.40
1985	3.41	3.10	4.60
1990	4.66	4.20	6.20
1995	6.50	5.70	8.60

Source: Study Team's Estimate

APP. Table IIIB-39 PRODUCTION CAPACITY OF PAPER
INDUSTRY IN 1972 AND 1980

		(1,000 tons)	
Manufacturer	Location	1972	1980
Padalarang	W.J.Jakarta	9.0	24.0
Blabak	C.J.Magelang	7.5	7.5
Leces	E.J.Probolingo	9.0	24.0
Basuk Rachmad	E.J.Banywangi	9.0	9.0
Darffin & Kimberly	W.J.Krawang	-	70.0
Anem Kosong	C.J.Cilacap	-	85.0
(Java Total)		(34.5)	(219.5)
Gowa	S.Sulawesi	9.0	13.5
Martapura	S.Kalimantan	3.0	3.0
Siantar	N.Sumatra	4.5	4.5
Pelta		-	1.5
Surya Kertas		-	9.0
(Outer Island)		(16.5)	(31.5)
(Indonesia)		(66.0)	(266.0)

Source: World Bank's Reports
Bulletin of Indonesian Studies
Australian National University
and other available data

APP. Table IIIB-40 PROJECTED PAPER PRODUCTION

(1,000 tons)

	1972	1975	1980	1985	1990	1995
<u>Java</u>						
Capacity	34.5	49.5	219.5	279.5	279.5	279.5
Production	22.3	32.1	164.4	209.5	209.5	209.5
D.K.I. Jakarta						
Capacity	9.0	24.0	24.0	39.0	39.0	39.0
Production	5.8	15.6	18.0	29.3	29.3	29.3
Krawang						
Capacity	-	-	70.0	70.0	70.0	70.0
Production	-	-	52.5	52.5	52.5	52.5
Magelang						
Capacity	7.5	7.5	7.5	22.5	22.5	22.5
Production	4.9	4.9	5.6	16.9	16.9	16.9
Cilacap						
Capacity	-	-	85.0	85.0	85.0	85.0
Production	-	-	63.5	63.5	63.5	63.5
Probolingo						
Capacity	9.0	9.0	24.0	39.0	39.0	39.0
Production	5.8	5.8	18.0	29.3	29.3	29.3
Banyuwangi						
Capacity	9.0	9.0	24.0	39.0	39.0	39.0
Production	5.8	5.8	6.8	18.0	18.0	18.0
<u>Other Islands</u>						
Capacity	16.5	16.5	31.5	381.5	814.5	1,502.7
Production	10.7	10.7	23.6	286.1	610.9	1,127.0
<u>Indonesia</u>						
Capacity	51.0	66.0	251.0	661.0	1,094.0	1,782.2
Production	33.0	42.8	188.0	495.0	820.4	1,336.5
Consumption	194.3	248.4	367.9	566.8	863.6	1,336.5
Sufficiency (%)	17	17	51	87	95	100

(Source) Study Team's Estimate

PROJECTED PAPER BALANCE IN JAVA

(1,000 tons)

	1975	1980	1985	1990	1995
West Java					
Production	15.6	70.5	81.8	81.8	81.8
Demand	60.7	93.0	142.6	215.5	332.0
Balance	-45.1	-22.5	-60.8	-133.7	-250.2
Central Java					
Production	4.9	69.1	80.4	80.4	80.4
Demand	50.3	73.5	108.5	155.4	226.7
Balance	-45.4	-4.4	-28.1	-75.0	-146.3
East Java					
Production	11.6	24.8	47.3	47.3	47.3
Demand	53.6	78.6	120.5	180.9	277.6
Balance	-42.0	-53.8	-73.2	-133.6	-230.3
Java Total					
Production	32.1	164.4	209.5	209.5	209.5
Demand	164.6	245.1	371.6	551.8	836.3
Balance	-132.5	-80.7	-162.1	-342.3	-626.8

(Source) Study Team's Estimate

APP. Table IIIB-42 PETROLEUM PRODUCTS CONSUMPTION

(in 1,000 barrels/day)

	1969	1970	1971	1972	1973	1974
Gasoline	25.8	26.3	29.6	30.3	32.9	36.8
Kerosene	46.8	48.5	56.6	59.8	68.1	81.2
Distillate fuel	19.0	21.8	26.7	32.0	41.1	50.7
Residual fuels	14.2	10.9	11.4	14.7	18.0	18.7
Others	0.9	1.2	1.2	1.5	2.3	2.5
Total	106.7	108.7	125.5	138.3	162.4	189.9

(Source) OPEC Annual Statistical Bulletin 1974

APP. Table IIIIB-43 PROJECTED PETROLEUM PRODUCTS
PER CAPITA CONSUMPTION

(kg) Rural:Urban=1:1.8

	Indonesia	Rural	Urban
1975	72.0	62.5	112.5
1980	90.6	78.1	140.6
1985	117.2	99.7	179.4
1990	152.3	127.8	230.0
1995	199.0	163.7	294.6

(Source) Study Team's Estimate

APP. Table IIIB-44 CRUDE OIL PRODUCTION
ACCORDING TO AREA

	1973		1974	
	(10 ³ bbl)	(per cent)	(10 ³ bbl)	(per cent)
Sumatra	405,726	83.1	378,522	75.4
Kalimantan	7,018	1.4	9,053	1.8
Java	7,777	1.6	11,968	2.4
Irian Jaya	3,958	0.8	11,491	2.3
Lepas pantai	64,057	13.1	90,804	18.1
Total	488,536	100.0	501,838	100.0

Source: Director General of Oil and Gas

APP. Table IIIB-45 REFINING CAPACITY ACCORDING
TO AREA IN 1974

	Capacity (bbl/cd)	per cent (%)
<u>Java</u>	<u>8,000</u>	<u>1.8</u>
Cepu (C.J.Rembang)	4,000	0.9
Wonokromo (E.J.Surabaya)	4,000	0.9
<u>Sumatra</u>	<u>344,700</u>	<u>80.7</u>
P. Brandan	4,500	1.1
Plaju	111,200	26.0
S. Gerong	79,000	18.5
Dumai	100,000	23.4
S. Pakning	50,000	11.7
<u>Kalimantan</u>	<u>75,000</u>	<u>17.5</u>
Balikpapan	75,000	17.5
<u>Indonesia</u>	<u>427.700</u>	<u>100.0</u>

Source: Director General of Oil and Gas

PROJECTED PETROLEUM PRODUCTS PRODUCTION IN JAVA

(1,000 tons)

	1975	1980	1985	1990	1995
Pojonegoro (E.J.)					
Capacity	200	200	200	200	200
Production	180	180	180	180	180
Surabaya (E.J.)					
Capacity	200	200	200	200	200
Production	180	180	180	180	180
Cilacap (C.J.)					
Capacity	-	5,000	5,000	5,000	5,000
Production	-	4,500	4,500	4,500	4,500
Java Total					
Capacity	400	5,400	5,400	5,400	5,400
Production	360	4,860	4,860	4,860	4,860

(Source) Study Team's Estimate

APP. Table IIIB-47 PROJECTED PETROLEUM PRODUCTS BALANCE IN JAVA

	(1,000 tons)				
	1975	1980	1985	1990	1995
<u>West Java</u>					
Production *1)	-	1,350	1,350	1,350	1,350
Consumption	2,384	3,446	4,990	7,232	10,438
Balance	-2,384	-2,096	-3,640	-5,882	-9,088
<u>Central Java</u>					
Production *2)	0	3,150	3,150	3,150	3,150
Consumption	1,892	2,588	3,575	4,925	6,754
Balance	-1,892	562	-425	-1,775	-3,064
<u>East Java</u>					
Production *3)	360	360	360	360	360
Consumption	2,031	2,803	4,040	5,850	8,464
Balance	-1,671	-2,443	-3,680	-5,490	-8,104
<u>Java Total</u>					
Production	360	4,860	4,860	4,860	4,860
Consumption	6,307	8,837	12,605	18,007	25,656
Balance	-5,947	-3,977	-7,745	-13,147	-20,796

- Notes: *1) Bandung 1,350t/y through a pipe line from the Cilacap refinery
- *2) Yogyakarta 900t/y through a pipe line from the Cilacap refinery and the Cilacap 2,250t/y remained after transportation by the said two pipe lines
- *3) The Wonokromo 180t/y refinery and the Cepu 180t/y

Source: Study Team's Estimate

APP. Table IIIB-48 FERTILIZER DISTRIBUTED IN JAVA

(1,000 tons)

	1969	1970	1971	1972	1973
Production in Java *1)	-	-	-	70	108
Import (Foreign) *2)	182.4	209.7	334.4	620.7	685.6
Import (Inter insular) *2)	31.4	63.2	72.3	78.8	89.8
Export (Foreign) *2)	-	-	-	-	-
Export (Inter insular) *2)	-0.7	-14.4	-9.6	-18.3	-63.2
Balance	213.1	258.5	397.1	751.2	820.2

(Source) *1) Study Team's Estimate on the basis of available
Statistic

*2) Cargo Loading and Unloading at ports in Indonesia,
Central Bureau of Statistic

(in nutrient)

	Harvested area (1,000 ha)	Fertilized area (1,000 ha)	Nitrogen (N)		Phosphate (P ₂ O ₅)		Potash (K ₂ O)	
			dosage (kg/ha)	consumption (ton)	dosage (kg/ha)	consumption (ton)	dosage (kg/ha)	consumption (ton)
<u>West Java</u>								
Paddy	1,729	818	70.4	57,597	12.8	10,466	-	
Non-paddy*1) food crop	228	58	105.1	6,096	18.0	1,044	2.7	
Rubber	162	107	40.0	4,284	20.5	2,196	22.5	2,196
Sugar cane	11	11	100.5	1,106	23.6	260	22.2	
Tea	93	43	84.6	3,638	14.5	622	22.9	
Other Estate crop*2)	134	5	43.8	219	17.4	87	10.2	
Sub total	2,357	1,042	-	72,940	-	14,675	-	3,198
<u>Central Java</u>								
Paddy	1,391	815	73.1	59,595	11.4	9,311	-	
Non-paddy*1) food crop	784	237	56.0	13,261	4.6	1,096	0.6	
Rubber	42	30	39.9	1,196	20.4	613	22.4	
Sugar cane	24	24	105.3	2,527	25.4	610	23.9	
Tea	4	3	74.0	222	12.7	38	20.0	
Other Estate crop*2)	331	46	61.7	2,839	9.6	440	4.7	
Sub total	2,576	1,155	-	79,640	-	12,108	-	1,197
<u>East Java</u>								
Paddy	1,215	734	68.6	50,343	8.8	6,429	-	
Non-paddy*1) food crop	1,546	457	50.2	22,931	3.2	1,470	0.4	
Rubber	41	41	39.5	1,620	20.2	830	22.2	
Sugar cane	77	77	97.0	7,472	21.4	1,651	20.2	1,651
Tea	3	3	77.0	231	13.0	39	21.0	
Other Estate crop*2)	352	85	81.7	6,941	12.2	1,055	15.0	1,055
Sub total	3,234	1,397	-	89,538	-	11,474	-	4,408
<u>Java Total</u>								
Paddy	4,335	2,367	70.8	167,535	11.1	26,206	-	
Non-paddy*1) food crop	2,558	752	56.2	42,488	4.8	3,610	0.7	
Rubber	245	178	39.9	7,100	20.4	3,639	22.4	3,639
Sugar cane	112	112	99.2	11,105	22.5	2,521	21.2	2,521
Tea	100	49	83.5	4,091	14.3	699	22.6	1,386
Other Estate crop*2)	817	136	73.5	9,999	11.5	1,582	11.3	1,582
Total	8,167	3,594	-	242,118	-	38,257	-	9,402

Notes: *1) Maize, Vegetable, Ground nuts, Soya bean

*2) Oil palm, Coffe, Coconut, Tobacco, Pepper, Cloves

Source: Area: Direktorat Jenderal Pertanian, Dept. of Agriculture
 Direktorat Ekonomi Pertanian, Dept. of Agriculture
 Directorate General Pertanian, Dept. of Agriculture
 available data published by Central Bureau of Statistics
 Consumption: Next Fertilizer Plant in Indonesia, 1974, Bel

APP. Table III-B-50

PROJECTED FERTILIZED AREA AND DOSAGE
OF FOOD CROPS
(Nitrogen:N)

	(in nutrient)			
	1978		1983	
	Fertilized area (000ha)	Dosage (kg/ha)	Fertilized area (000ha)	Dosage (kg/ha)
Paddy (HYV ^{*1})				
West Java	662.0	85.8	893.0	93.3
Central Java	558.5	100.5	693.5	105.8
East Java	588.0	119.8	720.5	126.1
Paddy (LV ^{*2})				
West Java	693.5	74.2	642.0	78.2
Central Java	450.5	73.4	448.5	77.3
East Java	373.5	45.9	301.5	48.3
Maize (HYV ^{*1})				
West Java	5.4	90.0	9.9	90.0
Central Java	55.8	90.0	68.4	90.0
East Java	116.9	90.0	143.4	90.0
Maize (LV ^{*2})				
West Java	12.6	50.0	23.1	50.0
Central Java	130.2	50.0	159.6	50.0
East Java	272.7	50.0	334.6	50.0
Soya bean				
West Java	9.0	11.5	12.9	11.5
Central Java	48.6	11.5	69.7	11.5
East Java	114.5	11.5	162.9	11.5
Ground nut				
West Java	15.2	23.0	32.5	23.0
Central Java	23.4	23.0	49.9	23.0
East Java	29.9	23.0	63.6	23.0
Vegetables				
West Java	69.7	107.7	83.8	107.7
Central Java	66.0	107.7	79.3	107.7
East Java	80.7	107.7	96.9	107.7

Notes: *1) High Yield Variety, *2) Local Variety

Source: Next Fertilizer Plant in
Indonesia, Beicip

APP. Table IIIB-51

PROJECTED FERTILIZED AREA AND DOSAGE
OF FOOD CROPS(Phosphate: P₂O₅)

(in nutrient)

	1978		1983	
	Fertilized area (000ha)	Dosage (kg/ha)	Fertilized area (000ha)	Dosage (kg/ha)
Paddy (HYV ^{*1})				
West Java	287.5	30	662.0	40
Central Java	189.5	22	558.5	30
East Java	356.0	15	588.5	20
Paddy (LV ^{*2})				
West Java	487.0	15	694.0	20
Central Java	604.5	15	451.0	20
East Java	354.5	15	374.0	20
Maize				
West Java	9.8	20	18.0	40
Central Java	101.0	20	186.0	40
East Java	211.8	20	389.5	40
Soya bean				
West Java	5.4	20	9.0	40
Central Java	29.2	20	48.6	40
East Java	68.7	20	114.5	40
Ground nut				
West Java	9.1	30	15.2	60
Central Java	14.0	30	23.4	60
East Java	18.0	30	29.9	60
Vegetable				
West Java	34.9	35	69.7	70
Central Java	33.0	30	66.0	60
East Java	40.3	25	80.7	50

(Notes, Source) Same as in APP. Table IIIB-26

APP. Table IIIB-52

**PROJECTED FERTILIZED AREA AND DOSAGE
OF FOOD CROPS**

(Potash: K₂O)

(in nutrient)

	1978		1983	
	Fertilized area (000ha)	Dosage (kg/ha)	Fertilized area (000ha)	Dosage (kg/ha)
Paddy (HYV ^{*1})				
West Java	-	-	138.5	20
Central Java	-	-	92.5	20
East Java	-	-	172.0	10
Paddy (LV ^{*2})				
West Java	-	-	256.0	20
Central Java	-	-	306.0	20
East Java	-	-	187.5	10
Maize				
West Java	-	-	-	-
Central Java	-	-	84.1	20
East Java	-	-	175.5	20
Soya bean				
West Java	-	-	-	-
Central Java	-	-	-	-
East Java	-	-	4.5	20
Ground nut				
West Java	-	-	0.6	30
Central Java	-	-	1.2	30
East Java	-	-	1.3	30
Vegetable				
West Java	17.4	17	34.9	35
Central Java	16.5	15	33.0	30
East Java	20.2	12	40.4	25

(Notes) (Source) Same as in APP. Table IIIB-26

APP. Table IIIB-53 PROJECTED FERTILIZED AREA AND DOSAGES OF ESTATE CROPS

	Rubber		Oil Palm		Sugarcane		Coffee		Tobacco		Coconut	Pepper	Cloves
	Estate	Small holder	Estate	Small holder	Estate	Small holder	Estate	Small holder	Estate	Small holder			
<u>1978 Fertilized area (000 Ha)</u>													
West Java	21.4	85.7	0.1	0.4	7.7	3.2	0.2	1.0	4.2	22.2			3.9
Central Java	6.0	23.9			18.1	6.3	4.2	0.5	4.8	39.5			21.5
East Java	8.1	32.4			49.0	27.6	40.5	1.0	4.8	39.5			0.7
<u>1978 Dosage (kg/Ha)</u>													
(N)	25	50	22	50	120	90	100	80	54	80	20	100	40
(P ₂ O ₅)	25	50	22	50	50	-	50	-	54	-	20	50	20
(K ₂ O)	25	50	22	100	120	-	50	-	54	-	20	50	20
<u>1983 Fertilized area (000 Ha)</u>													
West Java	21.4	85.7	0.1	0.4	7.7	3.2	0.6	1.1	4.2	25.0			3.9
Central Java	6.0	23.9			18.1	6.3	4.2	1.5	4.8	44.6			27.2
East Java	8.1	32.4			49.0	27.6	40.5	2.6	4.8	44.6			0.7
<u>1983 Dosage (kg/Ha)</u>													
(N)	36	60	46	60	130	110	115	100	54	80	30	120	60
(P ₂ O ₅)	36	60	46	60	70	-	57	-	54	-	30	60	30
(K ₂ O)	36	60	46	120	130	-	57	-	54	-	30	60	30

Source: Same as in App. Table IIIB-26

PROJECTED FERTILIZER CONSUMPTION IN JAVA

(1,000 tons as fertilizer)

	1975	1980	1985	1990	1995
<u>West Java</u>					
Nitrogen	240	305	370	437	502
Phosphate & Potash	24	101	186	270	355
Total	264	406	556	707	857
<u>Central Java</u>					
Nitrogen	222	276	330	384	438
Phosphate & Potash	20	81	153	224	296
Total	242	357	483	608	734
<u>East Java</u>					
Nitrogen	268	330	393	455	518
Phosphate & Potash	30	103	181	260	339
Total	298	433	574	715	857
<u>Java Total</u>					
Nitrogen	730	911	1,093	1,276	1,458
Phosphate & Potash	74	285	517	754	990
Total	804	1,196	1,610	2,030	2,448

(Source) Study Team's Estimate

APP. Table IIIB-55 PROJECTED FERTILIZER PRODUCTION

(1,000 tons as fertilizer)

	1972	1975	1980	1985	1990	1995
<u>Java</u>						
Capacity	180	180	1,210	1,210	1,210	1,210
Production	70	108	968	968	968	968
Surabaya						
Capacity	180	180	640	640	640	640
Production	70	108	512	512	512	512
Tangerang						
Capacity	-	-	570	570	570	570
Production	-	-	456	456	456	456
<u>Other Islands</u>						
Capacity	100	480	1,520	2,090	2,960	3,530
Production	100	432	1,216	1,672	2,368	2,824
<u>Indonesia</u>						
Capacity	660	660	2,730	3,400	4,170	4,740
Production	170	540	2,184	2,640	3,336	3,792
Consumption	829	1,005	1,533	2,151	2,803	3,316
Sufficiency (%)	21	54	142	123	119	114

(Source) Study Team's Estimate

APP. Table IIIB-56 PROJECTED FERTILIZER BALANCE IN JAVA

	1975	1980	1985	1990	1995
(1,000 ton)					
<u>West Java</u>					
Production	-	456	456	456	456
Consumption	264	406	556	707	857
Balance	-264	50	-100	-251	-401
<u>Central Java</u>					
Production	-	-	-	-	-
Consumption	242	357	483	608	734
Balance	-242	-357	-483	-608	-734
<u>East Java</u>					
Production	108	512	512	512	512
Consumption	298	433	574	715	857
Balance	-190	79	-62	-203	-345
<u>Java Total</u>					
Production	108	968	968	968	968
Consumption	804	1,196	1,513	2,030	2,448
Balance	-696	-228	-545	-1,062	-1,480

Source: Study Team's Estimate

APP. Table IIIB-57 CARGO LOADING/UNLOADING IN JAVA
(Except main 16 commodities)

	1969	1970	1971	1972	1973
(1,000 tons)					
<u>Import</u>					
- Inter insular	470.2	436.6	437.2	743.8	433.1
- Foreign	2,000.8	1,977.5	2,394.8	2,367.5	2,770.1
- Total	2,471.0	2,414.1	2,832.0	3,111.3	3,203.2
<u>Export</u>					
- Inter insular	635.8	517.1	548.4	652.1	826.3
- Foreign	622.0	764.7	872.7	320.4	262.1
- Total	1,257.8	1,281.8	1,421.1	972.5	1,088.4

Source: Cargo Loading and Unloading
at ports in Indonesia,
Central Bureau of Statistic

APP. Table IIIB-58 PROJECTED OTHER INDUSTRIAL PRODUCTS CONSUMPTION
(Distributed in Java)

Rural: Urban = 1:1.5

	Consumption in Java (1,000 ton)	Per capita consumption (kg)		
		Java	Urban	Rural
1975	4,359.7	52.5	71.5	47.7
1980	5,834.4	62.9	85.8	57.2
1985	7,807.9	76.3	103.1	68.7
1990	9,964.8	88.6	118.7	79.1
1995	12,718.0	103.4	136.7	91.1

(Source) Study team's estimate

APP. Table IIIB-59 PROJECTED OTHER INDUSTRIAL PRODUCTS PRODUCTION
(Distributed in Java)

Rural: Urban = 1:9

	Consumption in Java (1,000 ton)	Production in Java (1,000 ton)		Per capita production (kg)		
		%		Java	Urban	Rural
1975	4,359.7	20	871.9	10.4	37.1	4.3
1980	5,834.4	30	1,750.3	18.9	68.5	7.6
1985	7,807.9	40	3,123.1	30.5	104.5	11.7
1990	9,964.8	50	4,982.4	44.3	136.5	15.2
1995	12,718.0	60	7,630.8	62.1	176.9	19.9

(Source) Study team's estimate

APP. Table IIIB-60 PROJECTED OTHER INDUSTRIAL PRODUCTS PRODUCTION
(Exported in Java)

Rural: Urban = 1:9

	Production in Java (1,000 ton)	Per capita production (kg)		
		Java	Urban	Rural
1975	1,774.2	21.3	76.1	8.5
1980	2,323.0	24.8	85.8	9.6
1985	3,060.8	29.9	97.5	10.8
1990	3,988.6	35.3	108.8	12.1
1995	5,152.7	42.3	120.2	13.3

(Source) Study team's estimate

* COMMODITY RICE (BERAS), MILLED 1000MT

ZONE	KABUPATEN*	1975			1980			1985			1990			1995		
		(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
(1)	CILACAP	200.3	146.8	-53.5	216.1	165.2	51.0	245.8	181.5	64.4	265.4	197.0	68.4	281.8	212.1	69.7
(2)	BANYUMAS	117.5	129.4	-11.9	126.8	145.6	-18.8	144.2	159.5	-15.2	155.7	172.4	-16.7	165.4	184.6	-19.3
(3)	PUKGALINGGA	61.4	72.2	-10.8	66.3	81.3	-15.0	75.4	89.3	-13.9	81.4	96.7	-15.3	86.4	103.9	-17.4
(4)	BANJARNEGARA	42.7	73.0	-30.3	46.1	82.4	-36.2	52.4	90.3	-37.9	58.6	84.9	-25.3	60.1	105.5	-45.4
(5)	HONGOSUBU	40.0	63.2	-23.1	43.2	71.1	-27.9	49.2	78.2	-29.0	53.1	84.9	-31.8	56.4	91.4	-35.0
(6)	TEMANGGUNG	56.1	59.3	-2.2	60.5	65.5	-5.0	68.8	72.4	-3.5	74.3	78.9	-4.6	78.9	85.5	-6.6
(7)	MAGELANG	88.1	116.6	-28.5	95.1	131.2	-36.1	108.2	145.1	-36.9	116.8	158.7	-41.9	124.0	172.8	-48.7
(8)	KOTA. SALATIGA	94.0	103.4	-9.5	101.4	116.2	-14.7	115.4	129.7	-14.3	124.6	144.0	-19.4	132.3	159.4	-27.1
(9)	BOYOLALI	69.4	86.3	-16.9	74.9	97.2	-22.3	85.2	106.5	-21.3	92.0	115.4	-23.4	97.7	123.9	-26.2
(10)	KEBUMEN	128.2	115.6	12.6	138.3	130.2	8.2	157.3	142.9	14.4	169.9	155.1	14.8	180.4	166.9	13.5
(11)	PURWOREJO	95.4	81.4	12.1	100.9	91.8	9.1	114.7	100.8	13.9	123.9	109.6	14.3	131.5	118.0	13.5
(12)	KLATEN	112.1	119.0	-6.8	121.0	134.0	-12.9	137.7	146.8	-9.2	148.6	159.2	-10.6	157.8	170.9	-13.0
(13)	SUKOHARJU	66.8	111.2	-44.4	72.0	124.4	-52.3	81.9	142.2	-60.3	88.5	162.4	-73.9	93.9	186.3	-92.3
(14)	KAKANGANYAR	66.8	60.6	6.2	72.0	68.2	3.8	81.9	74.7	7.2	88.5	80.6	7.8	93.9	86.4	7.6
(15)	HONGSIRI	106.8	109.0	-2.2	115.3	122.8	-7.6	131.1	134.7	-3.6	141.6	146.0	-4.5	150.3	156.6	-6.3
(16)	SKAGEN	168.2	78.4	89.8	181.6	88.3	93.3	206.5	97.1	109.4	223.0	105.4	117.5	236.8	113.5	123.3
(17)	BANTUL	62.4	110.4	-48.0	67.6	123.0	-55.4	76.7	134.8	-58.1	82.9	149.0	-66.0	88.1	161.6	-73.5
(18)	SLEMAN	109.0	72.8	36.2	118.0	82.4	35.6	133.8	90.4	43.4	144.8	97.8	46.9	153.8	105.9	47.9
(19)	GUNUNG KIDUL	89.0	76.7	12.3	96.4	86.8	9.6	109.3	95.3	14.0	118.3	103.2	15.1	125.7	111.6	14.0
(20)	KULON PROGO	28.6	45.9	-17.3	31.0	51.9	-20.9	35.1	57.0	-21.9	38.0	61.6	-23.6	40.4	66.6	-26.2
C.-J. PROJECT AREA		1800.8	1830.2	-29.4	1944.8	2059.2	-114.4	2211.0	2269.2	-58.2	2387.8	2476.1	-88.3	2535.8	2683.3	-147.5
C.-J. OTHER AREA		1158.2	1162.3	-4.0	1250.2	1306.8	-56.6	1422.0	1445.9	-23.9	1535.2	1585.0	-49.8	1630.2	1727.6	-97.4
CENT. JAVA TOTAL		2959.0	2992.5	-33.5	3195.0	3366.0	-171.0	3633.0	3715.1	-82.1	3923.0	4061.1	-138.1	4166.0	4410.9	-244.9
(24)	PACITAN	57.4	59.4	-2.0	64.0	66.6	-2.5	71.0	75.3	-4.3	76.8	84.8	-7.9	81.7	94.6	-12.9
(25)	PONOROGO	57.4	85.4	-31.9	64.0	100.0	-35.9	71.0	112.5	-41.4	76.8	125.8	-48.9	81.7	139.0	-57.3
(26)	TRENGGALEK	31.3	64.4	-33.1	34.9	72.2	-37.2	38.7	81.3	-42.5	41.9	91.1	-49.2	44.6	101.3	-56.7
(27)	TULUNGAGUNG	45.6	94.4	-48.7	55.3	105.3	-50.0	61.3	118.3	-57.0	66.4	132.0	-65.6	70.6	145.6	-75.0
(28)	KEDIRI	99.2	155.0	-55.8	110.6	174.7	-64.1	122.7	200.2	-77.5	132.7	228.8	-96.0	141.2	260.3	-119.1
(29)	BLITAR	86.2	123.8	-37.7	96.1	138.5	-42.4	106.5	155.7	-49.1	115.3	174.0	-58.7	122.6	192.3	-69.7
(30)	NGAWI	122.7	84.5	38.2	136.8	94.3	42.5	151.7	105.6	46.2	164.2	117.4	46.8	174.6	128.9	45.7
(31)	MAGETAN	54.8	68.5	-13.6	61.1	76.8	-15.7	67.8	86.8	-19.0	73.4	97.6	-24.2	78.0	108.9	-30.9
(32)	MADIUN	73.1	89.3	-16.2	81.5	100.7	-19.2	90.4	115.7	-25.3	97.8	132.7	-34.9	104.0	151.8	-47.7
(33)	NGANJUK	91.4	94.8	-3.4	101.9	105.7	-3.8	113.0	118.0	-5.1	122.3	131.0	-8.8	130.0	143.3	-13.2
(34)	MALANG	143.6	268.9	-125.3	160.1	303.7	-143.6	177.5	349.1	-171.6	192.1	401.0	-208.9	204.3	459.3	-254.9
WEST JAVA TOTAL		3597.0	3312.0	285.0	4130.0	3862.0	268.0	4701.0	4446.0	255.0	5080.0	5090.1	-10.1	5394.0	5794.1	-400.1
E.-J. PROJECT AREA		866.9	1192.5	-325.6	966.5	1338.4	-372.0	1071.7	1518.3	-446.6	1159.7	1716.2	-556.5	1233.4	1925.0	-691.6
E.-J. OTHER AREA		1744.1	1942.4	-198.2	1944.5	2187.9	-243.3	2156.3	2501.3	-345.0	2333.3	2852.6	-519.3	2481.6	3238.9	-757.3
EAST. JAVA TOTAL		2611.0	3134.8	-523.8	2911.0	3526.3	-615.3	3228.0	4019.6	-791.6	3493.0	4568.8	-1075.8	3715.0	5163.9	-1448.9
JAVA TOTAL		9167.0	9439.3	-272.3	10236.0	10754.2	-518.2	11562.0	12180.6	-618.6	12496.0	13720.0	-1224.0	13275.0	15368.9	-2093.9

APP. Table III-2

SURPLUS AND DEFICIT OF AGRICULTURAL PRODUCTS ON PROJECT AREA

* COMMODITY MAIZE (JAGUNG), SHELLED

1000MT

Zone No	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
(1) CILACAP	5.7	34.2	-28.5	7.0	37.7	-30.8	8.0	40.7	-32.7	10.5	43.4	-33.0	12.7	46.0	-33.3
(2) BANYUMAS	6.4	30.1	-23.8	7.8	33.3	-25.4	9.0	35.8	-26.8	11.8	38.0	-26.2	14.3	40.0	-25.7
(3) PURBALINGGA	15.6	16.8	-1.3	19.1	18.6	0.6	22.0	20.0	2.0	28.8	21.3	7.4	34.9	22.5	12.4
(4) BANJARNEGARA	55.1	17.0	38.2	67.9	18.8	49.0	77.9	20.3	57.7	101.9	21.6	80.3	123.8	22.9	100.9
(5) WONOSOBO	33.2	14.7	18.5	40.9	16.2	24.6	47.0	17.5	29.4	61.4	18.7	42.7	74.6	19.8	54.8
(6) TEMANGUNG	39.6	13.6	26.0	48.7	15.0	33.7	55.9	16.2	39.7	73.2	17.4	55.8	88.9	18.5	70.3
(7) MAGELANG	22.6	27.1	-4.5	27.8	30.0	-2.1	32.0	32.5	-0.6	41.8	35.0	6.8	50.8	37.5	13.3
(8) KOTA. SALATIGA	25.6	24.1	1.5	31.5	26.5	5.0	36.2	29.1	7.1	47.3	31.7	15.6	57.4	34.6	22.9
(9) BOYOLALI	36.1	20.1	16.0	44.4	22.2	22.2	50.9	23.9	27.1	66.7	25.4	41.2	80.9	26.9	54.1
(10) KEBUMEN	5.7	26.9	-21.2	7.0	29.7	-22.8	8.0	32.1	-24.1	10.5	34.2	-23.7	12.7	36.2	-23.5
(11) PURWOREJO	4.2	18.9	-14.7	5.2	21.0	-15.7	6.0	22.6	-16.6	7.8	24.2	-16.3	9.5	25.6	-16.1
(12) KLATEN	7.1	27.7	-20.6	8.7	30.6	-21.9	10.0	32.9	-23.0	13.1	35.1	-22.0	15.9	37.0	-21.2
(13,14) SUKOHARJO	10.6	25.9	-15.3	13.0	28.4	-15.4	15.0	31.9	-16.9	19.6	35.8	-16.2	23.8	40.4	-16.6
(15) KAPANGANYAR	18.4	14.1	4.3	22.6	15.6	7.0	26.0	16.8	9.2	34.0	17.8	16.2	41.3	18.7	22.5
(16) WONOGIRI	36.1	25.4	10.7	44.4	28.1	16.3	50.9	30.2	20.7	66.7	32.2	34.5	80.9	34.0	47.0
(17) SRAGEN	21.2	18.3	3.0	26.1	20.2	5.9	30.0	21.8	8.2	39.2	23.2	16.0	47.6	24.6	23.0
(20) BANTUL	3.5	25.7	-22.2	4.3	28.1	-23.8	4.9	30.3	-25.4	6.3	32.8	-26.5	7.8	35.0	-27.3
(21) SLEMAN	3.3	16.9	-13.7	4.1	18.8	-14.7	4.6	20.3	-15.7	6.0	21.6	-15.6	7.3	23.0	-15.6
(22) GUNUNG KIDUL	39.4	17.9	21.5	49.2	19.8	29.4	55.8	21.4	34.4	72.2	22.8	49.4	88.6	24.2	64.4
(23) KULON PRAGO	1.9	10.7	-8.8	2.4	11.8	-9.4	2.7	12.8	-10.1	3.5	13.6	-10.1	4.3	14.4	-10.1
C.J. PROJCT AREA	391.0	426.0	-34.9	482.1	470.4	11.7	552.7	509.1	43.6	722.2	546.0	176.2	878.0	581.7	296.3
C.J. OTHER AREA	364.0	270.5	93.5	447.9	298.5	149.3	514.3	324.4	189.9	672.8	349.5	323.4	817.0	374.5	442.4
CENT. JAVA TOTAL	755.0	696.5	58.5	930.0	769.0	161.0	1067.0	833.5	233.5	1395.0	895.4	499.6	1695.0	956.3	738.7
(24) PACITAN	11.6	13.8	-2.2	14.3	15.2	-0.9	16.4	16.9	-0.5	21.5	18.7	2.8	26.1	20.5	5.6
(25) PONOROGO	16.8	20.8	-4.0	20.7	22.8	-2.2	23.7	25.2	-1.5	31.0	27.7	3.3	37.7	30.1	7.6
(26) TRENGGALEK	5.2	15.0	-9.8	6.4	16.5	-10.1	7.3	18.2	-10.9	9.5	20.1	-10.5	11.6	22.0	-10.4
(27) TULUNGAGUNG	10.3	22.0	-11.6	12.7	24.1	-11.3	14.6	26.5	-11.9	19.1	29.1	-10.0	23.2	31.6	-8.4
(28) KEDIRI	45.2	36.1	9.1	55.6	39.9	15.7	63.8	44.9	18.9	83.5	50.4	33.1	101.5	56.4	45.1
(29) BLITAR	24.5	28.8	-4.3	30.2	31.6	-1.4	34.7	34.9	-0.3	45.4	38.4	7.0	55.1	41.7	13.4
(30) NGAWI	21.9	19.7	2.3	27.0	21.5	5.5	31.0	23.7	7.3	40.6	25.9	14.7	49.3	27.9	21.4
(31) MAGETAN	7.7	15.9	-8.2	9.5	17.5	-8.0	10.9	19.5	-8.5	14.3	21.5	-7.2	17.4	23.6	-6.2
(32) MADIUN	7.7	20.8	-13.0	9.5	23.0	-13.5	10.9	26.0	-15.0	14.3	29.3	-14.9	17.4	32.9	-15.5
(33) NGANJUK	23.2	22.1	1.2	28.6	24.1	4.5	32.8	26.5	6.3	43.0	28.9	14.1	52.2	31.1	21.1
(34) MALANG	125.2	62.6	62.6	154.2	69.4	84.9	176.9	78.3	98.6	231.5	88.4	143.1	281.3	99.6	181.7
E.J. PROJCT AREA	299.5	277.5	22.0	368.9	305.8	63.1	423.2	340.7	82.5	553.8	378.4	175.4	672.8	417.3	255.5
E.J. OTHER AREA	991.5	452.1	539.4	1221.1	499.8	721.3	1400.8	561.2	839.6	1833.2	629.0	1204.2	2227.2	702.2	1525.0
EAST. JAVA TOTAL	1291.0	729.6	561.4	1590.0	805.6	784.4	1824.0	901.9	922.1	2387.0	1007.4	1379.6	2900.0	1119.5	1780.5
WEST JAVA TOTAL	136.0	770.9	-634.9	166.0	882.3	-716.3	206.0	997.5	-791.5	250.0	1122.3	-872.3	305.0	1256.2	-951.2
JAVA TOTAL	2182.0	2196.9	-14.9	2686.0	2456.8	229.2	3097.0	2733.0	364.0	4032.0	3025.1	1006.9	4900.0	3332.0	1568.0

APP. Table III-3

SURPLUS AND DEFICIT OF AGRICULTURAL PRODUCTS ON PROJECT AREA

SURPLUS AND DEFICIT OF AGRICULTURE PRODUCTION PROJECT AREA

1000MT

* COMMODITY CASSAVA (KETELA POHOJ) FRESH

ZONA (1)	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
KABUPATEN*															
(1) CILACAP	134.1	101.3	32.8	146.7	108.2	38.5	160.2	112.8	47.4	174.2	116.3	57.9	188.7	118.8	69.9
(2) BANYUMAS	57.2	89.3	-32.1	62.5	95.4	-32.9	68.3	99.2	-30.9	74.3	101.7	-27.5	80.4	103.4	-23.0
(3) PURBALINGGA	46.2	49.8	-3.7	50.5	53.3	-2.8	55.2	55.5	-0.3	60.0	57.1	2.9	65.0	58.2	6.8
(4) BANJARNEGARA	66.0	50.4	15.6	72.1	54.0	18.2	78.8	56.2	22.6	85.7	57.9	27.8	92.8	59.1	33.7
(5) KENDOSOBO	116.5	43.6	72.9	127.5	46.6	80.9	139.2	48.6	90.6	151.4	50.1	101.3	163.9	51.2	112.8
(6) TEMBANGGUNG	44.0	40.2	3.7	48.1	42.9	5.2	52.5	45.0	7.5	57.1	46.6	10.5	61.9	47.9	14.0
(7) MAGELANG	116.5	80.5	36.1	127.5	86.0	41.5	139.2	90.2	49.0	151.4	93.7	57.7	163.9	96.7	67.2
(8) KOTA. SALATIGA	83.6	71.4	12.2	91.4	76.1	15.3	99.8	80.7	19.2	108.5	85.0	23.6	117.5	89.3	28.3
(9) BOYOLALI	138.5	59.6	78.9	151.5	63.7	87.8	165.5	66.2	99.3	179.9	68.1	111.8	194.9	69.4	125.5
(10) KEBUMEN	123.1	79.8	43.3	134.7	85.3	49.4	147.1	88.9	58.2	159.9	91.5	68.4	173.2	93.4	79.8
(11) PURWOREJO	142.9	56.2	86.8	156.3	60.1	96.2	170.8	62.7	108.1	185.6	64.7	121.0	201.0	66.1	135.0
(12) KLATEN	30.8	82.1	-51.3	33.7	87.8	-54.1	36.8	91.3	-54.5	40.0	94.0	-54.0	43.3	95.7	-52.4
(13,14) SUKOHARJO	55.0	76.8	-21.8	60.1	81.5	-21.3	65.7	88.4	-22.8	71.4	95.8	-24.4	77.3	104.3	-27.0
(15) KANGANYAR	96.8	41.8	54.9	105.8	44.7	61.1	115.6	46.5	69.1	125.7	47.6	78.1	136.1	48.4	87.7
(16) WONGGIRI	134.1	75.3	58.9	146.7	80.5	66.2	160.2	83.8	76.5	174.2	86.2	88.0	188.7	87.7	101.0
(17) SRAGEN	96.8	54.1	42.6	105.8	57.8	48.0	115.6	60.4	55.2	125.7	62.2	63.5	136.1	63.6	72.5
(23) BANTUL	40.5	76.2	-35.7	44.6	80.6	-36.0	48.1	83.8	-35.7	52.5	87.9	-35.4	57.1	90.5	-33.5
(23) SLEMAN	29.7	50.2	-20.5	32.7	54.0	-21.3	35.3	56.2	-20.9	38.6	57.7	-19.2	41.9	59.3	-17.4
(23) GUNUNG KIDUL	317.2	53.0	264.3	348.9	56.8	292.0	376.8	59.3	317.6	411.4	60.9	350.5	446.8	62.5	384.2
(23) KULON PRUGO	43.5	31.7	11.9	47.9	34.0	13.9	51.7	35.4	16.3	56.5	36.4	20.1	61.3	37.3	24.0
C. J. PROJCT AREA	1913.1	1263.3	649.8	2095.0	1349.1	745.9	2282.6	1411.1	871.5	2483.9	1461.3	1022.6	2691.7	1502.6	1189.0
C. J. OTHER AREA	716.9	802.3	-85.4	784.0	856.2	-72.2	856.4	899.1	-42.7	931.1	935.4	-4.4	1008.3	967.5	40.9
CENT. JAVA TOTAL	2630.0	2065.6	564.4	2879.0	2205.3	673.7	3139.0	2310.2	828.8	3415.0	2396.7	1018.3	3700.0	2470.1	1229.9
(24) PACITAN	296.8	41.0	255.8	325.1	43.6	281.5	354.4	46.8	307.6	385.5	50.0	335.5	416.9	53.0	363.9
(25) PONDORO	190.6	61.7	128.9	208.7	65.5	143.2	227.6	69.9	157.7	247.5	74.2	173.3	267.7	77.8	189.8
(26) TRENGGALEK	106.2	44.5	61.8	116.3	47.3	69.1	126.9	50.5	76.3	138.0	53.8	84.2	149.2	56.7	92.5
(27) TULUNGAGUNG	56.2	65.1	-8.9	61.6	69.0	-7.4	67.2	73.6	-6.4	73.0	77.9	-4.9	79.0	81.5	-2.6
(26) KEDIRI	103.1	107.0	-3.9	112.9	114.5	-1.5	123.1	124.5	-1.3	133.9	135.0	-1.1	144.8	145.7	-0.9
(29) BLITAR	153.1	85.5	67.6	167.7	90.7	76.9	182.8	96.8	86.0	198.8	102.7	96.2	215.0	107.7	107.4
(30) NGAWI	118.7	58.3	60.4	130.0	61.8	68.2	141.8	65.6	76.1	154.2	69.3	84.9	166.7	72.2	94.6
(30) MAGETAN	62.5	47.3	15.2	68.4	50.3	18.1	74.6	53.9	20.7	81.2	57.6	23.6	87.8	61.0	26.8
(31) MADIUN	81.2	61.6	19.6	89.0	66.0	23.0	97.0	71.9	25.1	105.5	78.3	27.2	114.1	85.0	29.1
(32) NGANJUK	59.4	65.4	-6.1	65.0	69.2	-4.2	70.9	73.4	-2.5	77.1	77.3	-0.2	83.4	80.2	3.2
(26) MALANG	196.8	185.6	11.2	215.6	199.0	16.6	235.1	217.1	17.9	255.7	236.7	19.0	276.4	257.2	19.3
E. J. PROJCT AREA	1424.5	823.1	601.4	1560.4	876.9	683.5	1701.3	944.2	757.2	1850.4	1012.8	837.6	2000.9	1078.0	922.9
E. J. OTHER AREA	1699.5	1340.7	358.7	1861.6	1433.4	428.1	2029.7	1555.4	474.3	2207.6	1683.5	524.0	2387.1	1813.8	573.3
EAST. JAVA TOTAL	3124.0	2163.9	960.1	3422.0	2310.3	1111.7	3731.0	2499.6	1231.4	4058.0	2696.3	1361.7	4388.0	2891.8	1496.2
WEST JAVA TOTAL	1565.0	2286.2	-721.2	1714.0	2530.3	-816.3	1862.0	2764.7	-902.7	2021.0	3004.0	-983.0	2202.0	3244.7	-1042.7
JAVA TOTAL	7319.0	6515.6	803.3	8015.0	7045.9	969.1	8732.0	7574.5	1157.5	9494.0	8097.0	1397.0	10290.0	8606.6	1683.4

APP. Table III-4

SURPLUS AND DEFICIT OF AGRICULTURAL PRODUCTS ON PROJECT AREA

* COMMODITY SWEET POTATOES (KETELA RAMBATI), FRESH 1000MT

ZONE VU	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
(1) CABUPATEN*															
(1) CILACAP	17.2	28.6	-11.3	18.9	30.6	-11.8	20.5	32.0	-11.5	22.9	33.1	-10.2	25.2	33.9	-8.8
(2) BANYUMAS	8.8	25.2	-16.4	9.6	27.0	-17.4	10.5	28.1	-17.7	11.7	29.0	-17.3	12.8	29.5	-16.7
(3) PURBALINGGA	12.0	14.1	-2.1	13.1	15.1	-2.0	14.2	15.8	-1.5	15.9	16.3	-0.3	17.5	16.6	0.9
(4) BANJARNEGARA	15.7	14.2	5.5	15.3	15.3	6.3	23.5	15.9	7.5	26.2	16.5	9.7	28.8	16.9	11.9
(5) WONOSUBO	22.9	12.3	10.6	25.0	13.2	11.8	27.2	13.8	13.4	30.4	14.3	16.2	33.4	14.6	18.8
(6) TEMANGGUNG	4.9	11.4	-6.4	5.4	12.1	-6.8	5.9	12.8	-6.9	6.6	13.3	-6.7	7.2	13.7	-6.5
(7) MAGELANG	15.5	22.7	-7.2	16.9	24.3	-7.4	18.4	25.6	-7.2	20.6	26.7	-6.1	22.6	27.6	-5.0
(8) KUTA. SALATIGA	11.0	20.1	-9.2	12.0	21.5	-9.5	13.1	22.9	-9.8	14.6	24.2	-9.6	16.0	25.5	-9.5
(9) BOYOLALI	7.7	16.8	-9.1	8.5	18.0	-9.5	9.2	18.8	-9.6	10.3	19.4	-9.1	11.3	19.8	-8.5
(10) KEBUMEN	10.2	22.5	-12.3	11.2	24.1	-13.0	12.2	25.2	-13.1	13.6	26.1	-12.5	14.9	26.7	-11.8
(11) PUKWREJO	4.6	15.8	-11.3	5.0	17.0	-12.0	5.4	17.8	-12.3	6.1	18.4	-12.3	6.7	18.9	-12.2
(12) KLATEN	6.3	23.2	-16.8	6.9	24.8	-17.9	7.5	25.9	-18.4	8.4	26.8	-18.3	9.3	27.3	-18.1
(13,14) SUKOHARJO	2.5	21.6	-19.2	2.7	23.0	-20.4	2.9	25.1	-22.2	3.3	27.3	-24.0	3.6	29.8	-26.2
(15) KARANGANYAR	14.8	11.8	3.0	16.2	12.6	3.5	17.6	13.2	4.4	19.7	13.6	6.1	21.6	13.8	7.8
(16) WONOGIRI	3.9	21.2	-17.4	4.2	22.8	-18.5	4.6	23.8	-19.2	5.1	24.5	-19.4	5.7	25.1	-19.4
(17) SRAGEN	10.6	15.3	-4.7	11.5	16.4	-4.8	12.6	17.1	-4.6	14.0	17.7	-3.7	15.4	18.2	-2.7
(18) BANTUL	2.7	21.5	-18.8	2.9	22.8	-19.9	3.1	23.8	-20.7	3.4	25.0	-21.6	3.6	25.9	-22.3
(19) SLEMAN	7.4	14.2	-6.7	7.9	15.3	-7.3	8.4	16.0	-7.5	9.4	16.4	-7.0	9.9	16.9	-7.0
(20) GUNUNG KIDUL	3.5	14.9	-11.4	3.8	16.1	-12.3	4.0	16.8	-12.8	4.5	17.3	-12.9	4.7	17.9	-13.2
(21) KULON PROGO	1.3	8.9	-7.6	1.4	9.6	-8.2	1.5	10.1	-8.5	1.7	10.4	-8.6	1.8	10.7	-8.9
C.J. PROJECT AREA	187.6	356.3	-168.8	204.7	381.7	-176.9	222.4	400.4	-178.1	248.4	416.1	-167.7	272.0	429.3	-157.4
C.J. OTHER AREA	179.4	226.3	-46.8	196.3	242.2	-45.9	213.6	255.2	-41.5	238.6	266.3	-27.8	262.0	276.4	-14.4
CENT. JAVA TOTAL	367.0	582.6	-215.6	401.0	623.9	-222.9	436.0	655.6	-219.6	487.0	682.4	-195.4	534.0	705.7	-171.7
(24) PACITAN	5.5	11.6	-6.1	6.1	12.3	-6.2	6.7	13.3	-6.6	7.3	14.2	-7.0	8.1	15.1	-7.0
(25) PONOREGO	9.2	17.4	-8.2	10.2	18.5	-8.4	11.2	19.8	-8.7	12.2	21.1	-9.0	13.5	22.2	-8.7
(26) TRENGGALEK	3.7	12.5	-8.9	4.1	13.4	-9.3	4.5	14.3	-9.9	4.9	15.3	-10.4	5.4	16.2	-10.8
(27) TULUNGAGUNG	5.5	18.4	-12.9	6.1	19.5	-13.4	6.7	20.9	-14.2	7.3	22.2	-14.9	8.1	23.3	-15.2
(28) KEDIRI	13.3	30.2	-16.9	14.7	32.4	-17.6	16.2	35.3	-19.1	17.6	38.4	-20.8	19.6	41.6	-22.1
(29) BLITAR	20.2	24.1	-3.9	22.4	25.7	-3.3	24.6	27.5	-2.9	26.8	29.2	-2.5	29.7	30.8	-1.1
(30) NGAWI	5.5	16.5	-10.9	6.1	17.5	-11.4	6.7	18.6	-11.9	7.3	19.7	-12.4	8.1	20.6	-12.5
(31) MAGETAN	19.3	13.3	5.9	21.3	14.2	7.1	23.5	15.3	8.2	25.5	16.4	9.1	28.3	17.4	10.9
(32) MADIUN	6.0	17.4	-11.4	6.6	18.7	-12.1	7.3	20.4	-13.1	7.9	22.3	-14.4	8.8	24.3	-15.5
(33) NGANJUK	7.3	18.5	-11.1	8.1	19.6	-11.5	8.9	20.8	-11.9	9.7	22.0	-12.3	10.8	22.9	-12.1
(34) MALANG	16.1	52.4	-36.3	17.8	56.3	-38.5	19.6	61.6	-42.0	21.3	67.4	-46.1	23.6	73.5	-49.9
E.J. PROJECT AREA	111.5	232.2	-120.6	123.4	248.1	-124.6	135.8	267.9	-132.1	147.7	288.4	-140.6	164.0	308.0	-144.0
E.J. OTHER AREA	347.5	378.2	-30.7	384.6	405.5	-21.0	423.2	441.4	-18.2	460.3	479.3	-19.1	511.0	518.2	-7.2
EAST. JAVA TOTAL	459.0	610.3	-151.3	508.0	653.6	-145.6	559.0	709.3	-150.3	608.0	767.7	-159.7	675.0	826.2	-151.2
WEST JAVA TOTAL	574.0	644.8	-70.8	631.0	715.8	-84.8	689.0	784.6	-95.6	758.0	855.3	-97.3	837.0	927.1	-90.1
JAVA TOTAL	1400.0	1837.7	-437.7	1540.0	1993.2	-453.2	1684.0	2149.5	-465.5	1853.0	2305.4	-452.4	2046.0	2459.0	-413.0

SURPLUS AND DEFICIT OF AGRICULTURAL PRODUCTS ON PROJECT AREA

1000MT

* COMMODITY SOYA BEANS (KEDELE),SHELLED

CODE	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
(1) KABUPATEN*															
(1) CILACAP	2.3	5.1	-2.8	2.6	5.7	-3.1	3.1	6.3	-3.2	3.5	6.8	-3.3	4.0	7.3	-3.3
(2) BANYUMAS	3.6	4.5	-0.8	4.2	5.0	-0.8	4.9	5.5	-0.6	5.6	5.9	-0.3	6.4	6.4	0.0
(3) PUKBALINGGA	0.8	2.5	-1.7	0.9	2.8	-1.9	1.1	3.1	-2.0	1.2	3.3	-2.1	1.4	3.6	-2.2
(4) BANJARNEGARA	1.1	2.5	-1.4	1.3	2.8	-1.5	1.5	3.1	-1.6	1.8	3.4	-1.6	2.0	3.6	-1.6
(5) WONOSOBO	0.8	2.2	-1.4	0.9	2.5	-1.5	1.1	2.7	-1.6	1.2	2.9	-1.7	1.4	3.1	-1.8
(6) TEMANGGUNG	0.5	2.0	-1.6	0.5	2.3	-1.7	0.6	2.5	-1.9	0.7	2.7	-2.0	0.8	2.9	-2.1
(7) MAGELANG	0.2	4.0	-3.8	0.3	4.5	-4.3	0.3	5.0	-4.7	0.4	5.5	-5.1	0.4	5.9	-5.5
(8) KOTA. SALATIGA	3.4	3.6	-0.2	3.9	4.0	-0.1	4.6	4.5	0.1	5.2	5.0	0.3	5.9	5.5	0.4
(9) BOYOLALI	2.5	3.0	-0.5	2.9	3.4	-0.4	3.4	3.7	-0.3	3.9	4.0	-0.1	4.4	4.3	0.1
(10) KEBUMEN	8.9	4.0	4.9	10.4	4.5	5.9	12.1	4.9	7.2	13.9	5.3	8.6	15.7	5.7	10.0
(11) PURWOREJO	0.9	2.8	-1.9	1.1	3.2	-2.1	1.2	3.5	-2.2	1.4	3.8	-2.4	1.6	4.1	-2.5
(12) KLATEN	3.2	4.1	-0.9	3.7	4.6	-0.9	4.3	5.1	-0.8	4.9	5.5	-0.6	5.6	5.9	-0.3
(13,14) SUKOHARJO	6.4	3.8	2.6	7.5	4.3	3.2	8.7	4.9	3.8	10.0	5.6	4.4	11.3	6.4	4.9
(15) KARANGANYAR	1.1	2.1	-1.0	1.3	2.4	-1.0	1.5	2.6	-1.0	1.8	2.8	-1.0	2.0	3.0	-1.0
(16) WONOGIRI	7.8	3.8	4.0	9.1	4.2	4.9	10.6	4.6	5.9	12.1	5.0	7.1	13.7	5.4	8.3
(17) SRAGEN	0.0	2.7	-2.7	0.0	3.0	-3.0	0.0	3.3	-3.3	0.0	3.6	-3.6	0.0	3.9	-3.9
(23) BANTUL	2.8	3.8	-1.1	3.1	4.2	-1.1	3.6	4.6	-1.1	4.1	5.1	-1.0	4.7	5.6	-0.8
(23) SLEMAN	0.9	2.5	-1.6	1.0	2.8	-1.8	1.2	3.1	-1.9	1.4	3.4	-2.0	1.6	3.8	-2.1
(25) GUNUNG KIDUL	18.4	2.6	15.8	20.7	3.0	17.7	23.8	3.3	20.5	27.6	3.6	24.1	31.5	3.8	27.6
(25) KULON PROGO	1.9	1.6	0.3	2.1	1.8	0.3	2.4	2.0	0.5	2.8	2.1	0.7	3.2	2.3	0.9
C.J. PROJECT AREA	67.5	63.2	4.3	77.8	71.0	6.8	89.9	78.2	11.7	103.7	85.2	18.5	117.6	92.3	25.3
C.J. OTHER AREA	69.5	40.1	29.4	81.2	45.1	36.1	94.1	49.8	44.3	108.3	54.6	53.7	122.4	59.4	63.0
CENT. JAVA TOTAL	137.0	103.3	33.7	159.0	116.1	42.9	184.0	128.0	56.0	212.0	139.8	72.2	240.0	151.7	88.3
(24) PACITAN	1.7	2.1	-0.3	2.0	2.3	-0.3	2.3	2.6	-0.3	2.7	2.9	-0.3	3.0	3.3	-0.2
(25) PONDORO	18.5	3.1	15.5	21.7	3.4	18.3	25.2	3.9	21.3	28.8	4.3	24.5	32.8	4.8	28.1
(26) TRENGGALEK	4.1	2.2	1.9	4.9	2.5	2.4	5.6	2.8	2.8	6.4	3.1	3.3	7.3	3.5	3.9
(27) TULUNGAGUNG	2.7	3.3	-0.6	3.1	3.6	-0.5	3.6	4.1	-0.4	4.2	4.5	-0.4	4.8	5.0	-0.3
(29) KEDIRI	5.4	5.4	0.0	6.3	6.0	0.3	7.3	6.9	0.4	8.3	7.9	0.5	9.5	9.0	0.6
(29) BLITAR	7.8	4.3	3.5	9.2	4.8	4.4	10.6	5.4	5.2	12.1	6.0	6.1	13.8	6.6	7.2
(30) NGAWI	9.0	2.9	6.1	10.6	3.3	7.3	12.2	3.6	8.6	14.0	4.0	10.0	16.0	4.4	11.6
(30) MAGETAN	3.7	2.4	1.3	4.3	2.6	1.6	5.0	3.0	2.0	5.7	3.4	2.3	6.5	3.7	2.7
(31) MADIUN	8.3	3.1	5.2	9.7	3.5	6.3	11.3	4.0	7.3	12.9	4.6	8.3	14.7	5.2	9.5
(32) NGANJUK	11.5	3.3	8.2	13.4	3.6	9.8	15.6	4.1	11.5	17.8	4.5	13.3	20.3	4.9	15.4
(36) MALANG	9.5	9.3	0.2	11.2	10.5	0.7	12.9	12.0	0.9	14.8	13.8	1.0	16.8	15.8	1.0
E.J. PROJECT AREA	82.2	41.2	41.1	96.4	46.2	50.2	111.5	52.3	59.2	127.7	59.1	-68.6	145.6	66.2	79.4
E.J. OTHER AREA	161.8	67.0	94.7	189.6	75.4	114.2	219.5	86.2	133.3	251.3	98.2	153.1	286.4	111.4	175.0
EAST. JAVA TOTAL	244.0	108.2	135.8	286.0	121.6	164.4	331.0	138.5	192.5	379.0	157.3	221.7	432.0	177.6	254.4
WEST JAVA TOTAL	25.0	114.3	-89.3	30.0	133.2	-103.2	35.0	153.2	-118.2	40.0	175.2	-135.2	45.0	199.3	-154.3
JAVA TOTAL	406.0	325.8	80.2	475.0	370.8	104.2	550.0	419.7	130.3	631.0	472.3	158.7	717.0	528.7	188.3

APP Table III-6

SURPLUS AND DEFICIT OF AGRICULTURAL PRODUCTS ON PROJECT AREA

* COMMODITY PEANUTS (KACANG TANAH), SHELLED 1000MT

ZONE DU	1975				1980				1985				1990				1995			
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)		
(1) CILACAP	3.3	3.1	0.2	3.8	3.6	0.2	4.3	3.8	3.3	0.5	4.7	4.2	0.5	5.2	4.4	0.8				
(2) BANYUMAS	1.9	2.7	-0.8	2.2	3.1	-1.0	2.5	3.3	3.3	-0.9	2.7	3.7	-0.9	3.0	3.8	-0.8				
(3) PURBALINGGA	2.9	1.5	1.4	3.3	1.8	1.5	3.7	1.9	1.9	1.8	4.1	2.1	2.0	4.5	2.2	2.4				
(4) BANJARNEGARA	1.6	1.6	0.0	1.8	1.8	-0.0	2.0	1.9	0.1	0.1	2.2	2.1	0.1	2.4	2.2	0.2				
(5) WONOSUBU	0.2	1.3	-1.1	0.3	1.5	-1.3	0.3	1.6	-1.4	-1.4	0.3	1.8	-1.5	0.3	1.9	-1.6				
(6) TEMANGGUNG	0.1	1.2	-1.1	0.2	1.4	-1.2	0.2	1.5	-1.3	-1.3	0.2	1.7	-1.5	0.2	1.8	-1.5				
(7) MAGELANG	0.8	2.5	-1.7	0.9	2.8	-1.9	1.0	3.0	-2.0	-2.0	1.2	3.4	-2.2	1.3	3.6	-2.3				
(8) KOTA. SALATIGA	4.5	2.2	2.3	5.1	2.5	2.6	5.8	2.7	3.0	3.0	6.4	3.1	3.3	7.0	3.3	3.7				
(9) BOYOLALI	3.7	1.8	1.9	4.2	2.1	2.1	4.8	2.2	2.5	5.3	5.3	2.5	2.8	5.8	2.6	3.2				
(10) KEBUMEN	4.7	2.5	2.2	5.3	2.8	2.5	6.0	3.0	3.0	3.0	6.6	3.3	3.3	7.3	3.5	3.8				
(11) PURWOREJO	1.9	1.7	0.2	2.2	2.0	0.2	2.5	2.1	0.4	0.4	2.7	2.3	0.4	3.0	2.5	0.6				
(12) KLATEN	4.4	2.5	1.9	5.0	2.9	2.2	5.7	3.1	2.6	6.3	3.4	3.4	2.9	7.0	3.6	3.4				
(13) SUKOHARJO	2.2	2.4	-0.1	2.5	2.7	-0.2	2.8	3.0	-0.1	3.1	3.5	3.5	-0.3	3.5	3.9	-0.4				
(15) KARANGANYAR	3.3	1.3	2.0	3.8	4.3	2.3	4.3	1.6	2.7	4.7	4.7	1.7	3.0	5.2	1.8	3.4				
(16) WONOGIRI	3.0	2.3	0.7	3.4	2.6	0.8	3.9	2.8	1.1	4.3	4.3	3.1	1.2	4.8	3.3	1.5				
(17) SRAGEN	4.8	1.7	3.1	5.5	1.9	3.6	6.2	2.0	4.1	6.8	2.2	4.6	4.6	7.5	2.4	5.2				
(25) BANTUL	2.3	2.3	-0.1	2.6	2.6	-0.0	2.9	2.8	0.1	3.3	3.3	3.2	0.1	3.7	3.4	0.3				
(23) SLEMAN	2.0	1.5	0.5	2.3	1.8	0.6	2.6	1.9	0.7	2.9	2.9	2.1	0.8	3.3	2.2	1.1				
(23) GUNUNG KIDUL	22.1	1.6	20.5	25.4	1.9	23.5	28.7	2.0	26.7	32.0	2.2	29.8	2.2	36.1	2.3	33.8				
(23) KULON PROGO	0.6	1.0	-0.4	0.7	1.1	-0.5	0.7	1.2	-0.5	0.8	0.8	1.3	-0.5	0.9	1.4	-0.5				
C.J. PROJCT AREA	70.5	38.9	31.6	80.4	44.4	36.0	90.8	47.7	43.1	100.7	52.8	47.9	112.2	55.8	56.3					
C.J. OTHER AREA	30.5	24.7	5.8	34.6	28.2	6.5	39.2	30.4	8.8	43.3	33.8	9.5	47.8	35.9	11.9					
CENT. JAVA TOTAL	101.0	63.6	37.4	115.0	72.5	42.5	130.0	78.0	52.0	144.0	86.5	57.5	160.0	91.7	68.3					
(24) PACITAN	0.8	1.3	-0.5	0.9	1.4	-0.6	1.0	1.6	-0.6	1.1	1.1	1.8	-0.7	1.2	2.0	-0.7				
(25) PONGROGO	0.4	1.9	-1.5	0.5	2.2	-1.7	0.6	2.4	-1.8	0.6	0.6	2.7	-2.0	0.7	2.9	-2.2				
(26) TRENGGALEK	0.9	1.4	-0.5	1.0	1.6	-0.5	1.1	1.7	-0.6	1.3	1.3	1.5	-0.7	1.4	2.1	-0.7				
(27) TULUNGAGUNG	1.9	2.0	-0.1	2.1	2.3	-0.1	2.4	2.5	-0.1	2.7	2.7	2.8	-0.1	3.0	3.0	-0.0				
(28) KEDIRI	5.1	3.3	1.8	5.8	3.8	2.0	6.5	4.2	2.3	7.4	4.9	2.5	8.1	5.4	2.7					
(29) BLITAR	7.9	2.6	5.3	8.9	3.0	6.0	10.1	3.3	6.8	11.4	3.7	7.7	7.7	12.6	4.0	8.6				
(30) NGAWI	1.7	1.8	-0.1	1.9	2.0	-0.1	2.1	2.2	-0.1	2.4	2.4	2.5	-0.1	2.7	2.7	-0.0				
(30) MAGETAN	2.2	1.5	0.8	2.5	1.7	0.9	2.8	1.8	1.0	3.2	2.1	1.1	1.1	3.5	2.3	1.3				
(31) MADIUN	0.3	1.9	-1.6	0.4	2.2	-1.8	0.4	2.4	-2.0	0.5	2.8	-2.3	0.5	3.2	3.2	-2.6				
(32) NGANJUK	1.7	2.0	-0.3	1.9	2.3	-0.4	2.1	2.5	-0.4	2.4	2.4	2.8	-0.4	2.7	3.0	-0.3				
(30) MALANG	3.9	5.7	-1.8	4.4	6.5	-2.1	5.0	7.3	-2.4	5.6	5.6	8.5	-2.9	6.2	9.6	-3.4				
E.J. PROJCT AREA	26.8	25.3	1.4	30.4	28.8	1.5	34.2	31.9	2.3	38.6	36.6	2.0	42.7	40.0	2.6					
E.J. OTHER AREA	84.2	41.3	43.0	95.6	47.2	48.5	107.8	52.5	55.2	121.4	60.8	60.6	134.3	67.4	67.0					
EAST. JAVA TOTAL	111.0	66.6	44.4	126.0	76.0	50.0	142.0	84.4	57.6	160.0	97.4	62.6	177.0	107.4	69.6					
WEST JAVA TOTAL	50.0	70.3	-20.3	56.0	83.2	-27.2	64.0	93.4	-29.4	71.0	108.5	-37.5	79.0	120.5	-41.5					
JAVA TOTAL	262.0	200.5	61.5	297.0	231.8	65.2	336.0	255.9	80.1	375.0	292.4	82.6	416.0	319.7	96.3					

STAPLES AND DEFICIT IN COMMODITY DISTRIBUTION IN PROJECT AREA
 * COMMUNITY OTHER FOOD CRAPS 1000MT

ZONE No	KABUPATEN*	1975			1980			1985			1990			1995		
		(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
(1)	CILACAP	62.6	68.8	13.8	92.3	70.9	15.4	101.2	83.9	17.3	109.5	90.4	15.4	118.6	96.7	21.9
(2)	BANYUMAS	54.0	60.7	-5.9	61.2	67.8	-6.6	67.0	73.7	-6.7	72.8	79.1	-6.3	78.6	84.2	-5.6
(3)	PURBALINGGA	36.3	35.5	2.5	40.6	37.9	2.7	44.5	41.3	3.2	48.3	44.4	3.9	52.2	47.4	4.8
(4)	BAKAMPANEGARA	60.0	34.2	25.8	67.0	38.3	28.7	73.5	41.7	31.7	79.8	45.0	34.8	86.1	48.1	38.0
(5)	WANDUSUJO	48.4	25.6	18.7	54.0	33.1	20.9	59.2	36.1	23.1	64.3	39.0	25.3	69.4	41.7	27.7
(6)	TERANGBUNG	44.0	27.3	16.5	45.1	30.5	18.6	53.8	33.4	20.4	58.4	36.2	22.2	63.1	39.0	24.1
(7)	KABELANG	50.6	54.7	-4.1	56.4	61.1	-4.6	61.9	67.0	-5.2	67.2	72.5	-5.6	72.5	78.8	-6.2
(8)	KUTIA, SALATIGA	53.0	46.5	6.5	59.9	54.1	5.8	65.6	59.9	5.7	71.3	66.1	5.2	76.9	72.7	4.2
(9)	BUYULATI	32.2	46.5	-8.3	36.0	45.3	-9.3	39.5	49.2	-9.8	42.9	53.0	-10.1	46.3	56.5	-10.2
(10)	KEHOMER	109.3	34.2	55.1	122.0	60.6	61.4	133.8	66.1	67.7	145.3	71.2	74.1	156.8	76.1	80.7
(11)	PURUMUNDU	58.8	38.2	6.0	43.3	42.7	0.6	47.3	46.6	0.9	51.6	50.3	1.3	55.7	53.8	1.9
(12)	KLATEN	61.1	55.8	5.3	68.3	62.4	5.9	74.4	67.9	6.5	80.5	73.1	7.5	86.7	77.9	8.8
(13,14)	SUKOHARJU	47.4	52.2	-4.8	52.9	57.9	-5.0	57.6	65.7	-8.1	62.4	74.5	-12.1	67.2	84.9	-17.8
(15)	NAKANGANYAR	20.3	26.4	-8.1	22.7	31.8	-9.0	24.8	34.5	-9.8	26.8	37.0	-10.2	28.9	39.4	-10.5
(16)	WONGI	16.4	31.1	-34.7	18.3	57.2	-38.9	20.0	62.3	-42.3	21.6	67.0	-45.4	23.3	71.4	-48.1
(17)	SAAGEN	31.0	36.8	-5.8	34.6	41.1	-6.5	39.1	44.9	-5.7	44.2	48.4	-4.2	45.6	51.8	-2.1
(18)	ANTUL	43.8	51.8	-8.0	48.9	57.2	-8.4	55.3	62.3	-7.0	62.4	68.4	-5.9	70.1	73.7	-3.6
(19)	SLEMAN	11.4	34.1	-22.6	12.7	38.3	-25.6	14.4	41.8	-27.4	16.2	44.5	-28.7	18.2	48.3	-30.1
(20)	GURUNG KIDUL	5.4	36.0	-30.6	6.1	40.4	-34.3	6.9	44.1	-37.2	7.8	47.4	-39.6	8.7	50.9	-42.2
(23)	KULCA PRUGU	36.0	21.5	16.5	42.4	24.1	18.3	48.0	26.3	21.7	54.2	28.3	25.9	60.9	30.4	30.5
C.J. PROJECT AREA		885.4	856.4	27.0	988.6	958.6	30.0	1085.0	1048.6	39.2	1187.9	1136.6	51.4	1289.7	1223.6	66.1
C.J. OTHER AREA		335.5	545.1	-8.7	598.9	608.3	-9.4	651.6	668.3	-16.6	700.7	727.6	-26.9	748.3	787.8	-39.5
CENI JAVA TOTAL		1421.9	1403.5	18.4	1587.5	1566.9	20.6	1739.6	1717.0	22.6	1888.6	1864.1	24.5	2038.0	2011.4	26.6
(24)	PALITAN	62.5	27.9	34.6	65.8	31.0	38.8	79.0	34.8	44.2	89.1	38.5	50.2	100.1	43.1	57.0
(25)	PURUKUGU	27.1	41.5	-14.5	30.3	46.5	-16.2	34.3	52.0	-17.7	38.7	57.7	-19.0	43.5	63.4	-19.9
(26)	PENGGALEN	8.5	30.2	-21.7	9.5	33.6	-24.1	10.7	37.6	-26.8	12.1	41.8	-29.7	13.6	46.2	-32.6
(27)	PELUKAGABUNG	44.6	44.3	0.4	45.8	45.0	0.8	56.4	54.7	1.7	63.7	60.6	3.1	71.5	66.4	5.1
(28)	KEDIRI	5.4	72.7	-65.3	10.5	81.5	-70.8	11.9	92.5	-80.6	13.4	105.0	-91.5	15.1	118.7	-103.6
(29)	MLITAN	50.0	50.1	-37.9	107.1	64.5	42.7	121.3	71.9	49.3	156.9	79.9	57.0	153.7	87.7	66.0
(30)	NGAWI	0.0	39.6	-39.6	0.0	43.9	-43.9	0.0	48.8	-48.8	0.0	53.5	-53.5	0.0	58.8	-58.8
(31)	MAGETAN	0.0	32.1	-32.1	0.0	35.7	-35.7	0.0	40.1	-40.1	0.0	44.8	-44.8	0.0	49.6	-49.6
(32)	RADIUN	0.0	41.5	-41.5	0.0	46.9	-46.9	0.0	53.5	-53.5	0.0	60.9	-60.9	0.0	69.2	-69.2
(33)	NGANJUK	9.4	44.5	-35.0	10.5	45.2	-38.7	11.9	54.6	-42.6	13.4	60.1	-46.7	15.1	65.3	-50.2
(34)	MALANG	50.0	126.1	-30.2	107.1	141.4	-34.2	121.3	161.4	-40.1	136.9	184.1	-47.2	153.7	209.4	-55.7
E.J. PROJECT AREA		353.6	559.3	-205.7	394.7	623.1	-228.3	446.7	701.7	-255.0	504.3	787.8	-283.4	566.2	877.8	-311.6
E.J. OTHER AREA		1136.1	911.0	225.1	1268.5	1018.5	250.0	1435.6	1156.0	279.5	1620.5	1365.4	255.1	1815.6	1476.9	342.6
EAST JAVA TOTAL		1489.7	1470.3	19.4	1663.2	1641.5	21.7	1882.3	1857.6	24.5	2124.8	2097.1	27.7	2385.8	2354.7	31.1
WEST JAVA TOTAL		1573.9	1553.4	20.5	1621.6	1797.8	23.8	2062.0	2054.5	27.1	2367.2	2336.4	30.8	2677.1	2642.1	35.0
JAVA TOTAL		4465.5	4427.3	38.2	5072.3	5006.3	66.0	5703.9	5629.7	74.2	6380.6	6257.7	82.9	7100.9	7003.2	92.7

APP. Table III-C-8

SURPLUS AND DEFICIT OF AGRICULTURAL PRODUCTS ON PROJECT AREA

* COMMODITY SUGAR (GULA), RAW SUGAR

1000MT

ZONE	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
(1) KABUPATEN*															
(1) CILACAP	0.0	14.5	-14.5	0.0	17.4	-17.4	0.0	20.1	-20.1	0.0	22.9	-22.9	0.0	25.8	-25.8
(2) BANYUAS	9.9	12.8	-2.9	11.5	15.3	-3.8	13.8	17.7	-3.8	17.0	20.1	-3.1	20.2	22.5	-2.3
(3) PURBALINGGA	0.0	7.2	-7.2	0.0	8.6	-8.6	0.0	9.9	-9.9	0.0	11.3	-11.3	0.0	12.6	-12.6
(4) BANJARNEGARA	0.0	7.2	-7.2	0.0	8.7	-8.7	0.0	10.0	-10.0	0.0	11.4	-11.4	0.0	12.8	-12.8
(5) WONOSUBO	0.0	6.3	-6.3	0.0	7.5	-7.5	0.0	8.7	-8.7	0.0	9.9	-9.9	0.0	11.1	-11.1
(6) TEMANGGUNG	0.0	5.8	-5.8	0.0	6.9	-6.9	0.0	8.0	-8.0	0.0	9.2	-9.2	0.0	10.4	-10.4
(7) MAGELANG	0.0	11.6	-11.6	0.0	13.8	-13.8	0.0	16.1	-16.1	0.0	18.5	-18.5	0.0	21.0	-21.0
(8) KOTA. SALATIGA	8.6	10.3	-1.6	10.0	12.2	-2.2	12.0	14.4	-2.3	14.8	16.8	-2.0	17.6	19.4	-1.8
(9) BUYOLALI	0.0	8.6	-8.6	0.0	10.2	-10.2	0.0	11.8	-11.8	0.0	13.4	-13.4	0.0	15.1	-15.1
(10) KEBUMEN	0.0	11.5	-11.5	0.0	13.7	-13.7	0.0	15.9	-15.9	0.0	18.0	-18.0	0.0	20.3	-20.3
(11) PURWOREJO	0.0	8.1	-8.1	0.0	9.7	-9.7	0.0	11.2	-11.2	0.0	12.8	-12.8	0.0	14.3	-14.3
(12) KLATEN	29.3	11.8	17.5	34.0	14.1	19.9	40.8	16.3	24.5	50.0	18.5	31.5	59.6	20.8	38.8
(13,14) SUKOHARJO	0.0	11.0	-11.0	0.0	13.1	-13.1	0.0	15.8	-15.8	0.0	18.9	-18.9	0.0	22.6	-22.6
(15) KARANGANYAR	36.0	6.0	30.0	41.8	7.2	34.6	50.2	8.3	41.9	61.5	9.4	52.1	73.2	10.5	62.7
(16) WONOGIRI	0.0	10.8	-10.8	0.0	12.9	-12.9	0.0	14.9	-14.9	0.0	17.0	-17.0	0.0	19.0	-19.0
(17) SRAGEN	20.6	7.8	12.8	23.9	9.3	14.6	28.7	10.8	17.9	35.2	12.3	22.9	41.9	13.8	28.1
(23) BANTUL	24.0	10.9	13.1	27.0	12.9	14.1	33.0	15.0	18.0	41.0	17.3	23.7	48.0	19.7	28.3
(23) SLEMAN	0.0	7.2	-7.2	0.0	8.7	-8.7	0.0	10.0	-10.0	0.0	11.4	-11.4	0.0	12.9	-12.9
(25) GUNUNG KIDUL	0.0	7.6	-7.6	0.0	9.1	-9.1	0.0	10.6	-10.6	0.0	12.0	-12.0	0.0	13.6	-13.6
(25) KULON PROGO	0.0	4.5	-4.5	0.0	5.5	-5.5	0.0	6.3	-6.3	0.0	7.2	-7.2	0.0	8.1	-8.1
C.J. PROJECT AREA	128.4	181.4	-53.0	148.2	216.6	-68.4	178.6	251.7	-73.1	219.4	288.2	-68.8	260.5	326.3	-65.8
C.J. OTHER AREA	143.6	115.2	28.4	166.8	137.4	29.4	200.4	160.4	40.0	245.6	184.5	61.1	292.5	210.1	82.4
CENT. JAVA TOTAL	272.0	296.6	-24.6	315.0	354.0	-39.0	379.0	412.1	-33.1	465.0	472.7	-7.7	553.0	536.4	16.6
(24) PACITAN	0.0	5.9	-5.9	0.0	7.0	-7.0	0.0	8.4	-8.4	0.0	9.9	-9.9	0.0	11.5	-11.5
(25) PUNDRAGO	22.7	8.9	13.9	26.4	10.5	15.8	31.7	12.5	19.2	38.8	14.6	24.2	46.3	16.9	29.4
(26) TRENGGALEK	0.9	6.4	-5.5	1.0	7.6	-6.6	1.2	9.0	-7.8	1.5	10.6	-9.1	1.8	12.3	-10.5
(27) TULUNGAGUNG	27.1	9.4	17.7	31.4	11.1	20.4	37.8	13.1	24.7	46.3	15.4	30.9	55.2	17.7	37.5
(26) KEDIRI	132.0	15.4	116.6	153.1	18.4	134.7	184.1	22.2	161.9	225.6	26.6	199.0	269.1	31.6	237.4
(25) BLITAR	38.5	12.3	26.2	44.6	14.6	30.0	53.6	17.3	36.4	65.7	20.2	45.5	78.4	23.4	55.0
(30) NGAWI	4.4	8.4	-4.0	5.1	9.9	-4.8	6.1	11.7	-5.6	7.5	13.7	-6.2	8.9	15.7	-6.8
(30) MAGETAN	8.7	6.8	2.0	10.1	8.1	2.1	12.2	9.6	2.6	14.9	11.4	3.6	17.8	13.2	4.6
(31) MADIUN	132.8	8.8	124.0	154.1	10.6	143.5	185.3	12.8	172.5	227.1	15.4	211.6	270.9	18.5	252.4
(32) NGANJUK	6.1	9.4	-3.3	7.1	11.1	-4.0	8.5	13.1	-4.6	10.5	15.3	-4.8	12.5	17.4	-4.9
(36) MALANG	104.0	26.7	77.3	120.7	31.9	88.7	145.1	38.7	106.3	177.8	46.7	131.1	212.1	55.8	156.2
E.J. PROJECT AREA	477.2	118.2	359.0	553.6	140.8	412.9	665.6	168.4	497.2	815.7	199.8	616.0	973.0	234.1	738.9
E.J. OTHER AREA	396.8	192.5	204.3	460.4	230.1	230.3	553.4	277.5	276.0	678.3	332.0	346.3	809.0	393.8	415.2
EAST. JAVA TOTAL	874.0	310.7	563.3	1014.0	370.9	643.1	1219.0	445.9	773.1	1494.0	531.8	962.2	1782.0	627.9	1154.1
WEST JAVA TOTAL	108.0	328.3	-220.3	125.0	406.2	-281.2	150.0	493.2	-343.2	184.0	592.5	-408.5	219.0	704.6	-485.6
JAVA TOTAL	1254.0	935.6	318.4	1454.0	1131.0	323.0	1748.0	1351.1	396.9	2143.0	1596.9	546.1	2556.0	1868.9	685.1

* SURPLUS AND DEFICIT OF AGRICULTURAL PRODUCTS ON PROJECT AREA

APPENDIX C-5
 SUBURBAN URBAN RURAL
 SURVEILLANCE AND HEALTH MONITORING SYSTEMS
 1000MT

COMMUNITY CUPRA

ZONE	1975			1980			1985			1990		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
(1) LILACAP	7.5	11.7	-4.2	7.5	12.8	-5.3	7.5	13.7	-6.3	7.5	14.5	-7.1
(2) BANYUMAS	7.4	10.3	-2.9	7.4	11.3	-3.9	7.4	12.1	-4.7	7.4	12.7	-5.4
(3) PURBALINGGA	3.2	5.8	-2.6	3.2	6.3	-3.1	3.2	6.8	-3.6	3.2	7.1	-4.0
(4) PANJARANEGARA	2.8	5.8	-3.0	2.8	6.4	-3.6	2.8	6.8	-4.1	2.8	7.2	-4.5
(5) MANGSUKU	1.9	5.0	-3.2	1.9	5.5	-3.7	1.9	5.9	-4.1	1.9	6.3	-4.4
(6) TERANGGUNG	1.0	4.6	-3.6	1.0	5.1	-4.0	1.0	5.5	-4.4	1.0	5.8	-4.8
(7) MAGELANG	2.8	9.3	-6.5	2.8	10.2	-7.4	2.8	11.0	-8.2	2.8	11.7	-8.9
(8) KOTA. SALATIGA	6.8	8.2	-1.4	6.8	9.0	-2.2	6.8	9.8	-3.0	6.8	10.6	-3.8
(9) KUDUS	1.4	6.5	-5.1	1.4	7.5	-6.1	1.4	8.1	-6.6	1.4	8.5	-7.1
(10) KEBUMEN	7.6	9.2	-1.6	7.6	10.1	-2.5	7.6	10.8	-3.2	7.6	11.4	-3.8
(11) PURWOREJO	2.2	6.5	-4.3	2.2	7.1	-4.9	2.2	7.6	-5.4	2.2	8.1	-5.9
(12) KLATEN	2.8	5.5	-2.7	2.8	6.4	-3.6	2.8	7.0	-4.2	2.8	7.6	-4.8
(13) SUKOHARJO	0.0	8.9	-8.9	0.0	9.0	-9.0	0.0	9.0	-9.0	0.0	9.0	-9.0
(14) KARANGANYAR	1.6	4.8	-3.2	1.6	5.3	-3.6	1.6	5.7	-4.0	1.6	5.9	-4.3
(15) WONOGIRI	7.1	8.7	-1.6	7.1	9.5	-2.5	7.1	10.2	-3.1	7.1	10.8	-3.7
(16) Sragen	9.0	6.2	2.7	9.0	6.8	2.1	9.0	7.3	1.6	9.0	7.8	1.2
(17) BANTUL	3.5	8.8	-5.3	3.5	9.5	-6.1	3.5	10.2	-6.7	3.5	11.0	-7.5
(18) SLEMAN	6.5	5.8	0.7	6.5	6.4	0.1	6.5	6.8	-0.4	6.5	7.2	-0.7
(19) GURUG KIDUL	4.2	6.1	-1.9	4.2	6.7	-2.5	4.2	7.2	-3.0	4.2	7.6	-3.4
(20) KULON PRUGU	7.3	3.7	3.6	7.3	4.0	3.3	7.3	4.3	3.0	7.3	4.5	2.8
C.J. PROJECT AREA	86.5	145.8	-59.3	86.5	159.8	-73.3	86.5	171.6	-85.2	86.5	182.7	-96.2
C.J. OTHER AREA	27.5	92.6	-65.0	27.5	101.4	-73.9	27.5	109.4	-81.8	27.5	116.5	-89.4
CENT JAVA TOTAL	114.0	238.5	-124.3	114.0	261.2	-147.2	114.0	281.0	-167.0	114.0	299.6	-185.6
(24) PACITAN	5.0	4.7	0.3	5.0	5.2	-0.1	5.0	5.7	-0.7	5.0	6.3	-1.2
(25) PURKUNJO	2.2	7.1	-4.9	2.2	7.8	-5.5	2.2	8.5	-6.3	2.2	9.3	-7.0
(26) TRENGGALEK	1.6	5.1	-3.5	1.6	5.6	-4.0	1.6	6.1	-4.5	1.6	6.7	-5.1
(27) TULUNGUNG	1.7	7.5	-5.8	1.7	8.2	-6.5	1.7	8.9	-7.3	1.7	9.7	-8.1
(28) KEDIRI	3.2	12.3	-9.1	3.2	13.0	-9.8	3.2	13.7	-10.5	3.2	14.5	-11.3
(29) BLITAK	3.7	9.9	-6.2	3.7	10.7	-7.0	3.7	11.6	-7.9	3.7	12.4	-8.7
(30) NGAWI	0.0	6.7	-6.7	0.0	7.3	-7.3	0.0	8.0	-8.0	0.0	8.7	-8.7
(31) MAGETAN	0.0	5.5	-5.5	0.0	6.0	-6.0	0.0	6.6	-6.6	0.0	7.2	-7.2
(32) MADIUN	0.0	7.1	-7.1	0.0	7.8	-7.8	0.0	8.7	-8.7	0.0	9.8	-9.8
(33) NGANJUK	3.2	7.6	-4.4	3.2	8.2	-5.0	3.2	8.9	-5.7	3.2	9.7	-6.4
(34) MALANG	3.7	21.4	-17.7	3.7	23.6	-19.9	3.7	26.4	-22.7	3.7	29.6	-25.9
E.J. PROJECT AREA	24.4	55.0	-30.6	24.4	63.8	-39.4	24.4	73.2	-48.8	24.4	83.2	-58.8
E.J. OTHER AREA	91.6	194.7	-103.1	91.6	209.7	-118.1	91.6	220.4	-128.8	91.6	231.2	-139.6
EAST JAVA TOTAL	116.0	249.7	-133.7	116.0	273.6	-157.6	116.0	304.0	-188.0	116.0	337.0	-221.0
WEST JAVA TOTAL	220.0	263.8	-43.8	220.0	288.0	-68.0	220.0	316.2	-96.2	220.0	345.5	-125.5
JAVA TOTAL	450.0	713.6	-263.6	450.0	762.4	-304.4	450.0	820.2	-414.2	450.0	882.7	-546.6

APP. Table III-10

SURPLUS AND DEFICIT IN COMMUNITY DISTRIBUTION ON PROJECT AREA

* COMMUNITY OTHER CASH GRUPS

1000MT

ZONE NU	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
(1)	1.1	0.8	0.3	1.1	0.9	0.2	1.1	1.0	0.2	1.2	1.0	0.2	1.2	1.0	0.1
(2)	0.5	0.7	-0.2	0.5	0.8	-0.3	0.5	0.8	-0.3	0.5	0.9	-0.4	0.5	0.9	-0.4
(3)	0.4	0.4	0.0	0.4	0.4	0.0	0.4	0.5	0.0	0.5	0.5	-0.0	0.5	0.5	-0.1
(4)	0.7	0.4	0.3	0.7	0.4	0.3	0.5	0.5	0.3	0.8	0.5	0.3	0.8	0.5	0.2
(5)	4.4	0.4	4.1	4.5	0.4	4.1	4.6	0.4	4.2	4.7	0.4	4.3	4.8	0.5	4.3
(6)	2.5	0.3	2.2	2.6	0.4	2.2	2.6	0.4	2.2	2.7	0.4	2.3	2.7	0.4	2.3
(7)	1.1	0.7	0.4	1.1	0.7	0.4	1.1	0.8	0.4	1.1	0.8	0.3	1.2	0.9	0.3
(8)	1.5	0.6	0.9	1.6	0.6	0.9	1.6	0.7	0.9	1.6	0.7	0.9	1.6	0.8	0.8
(9)	0.7	0.5	0.2	0.8	0.5	0.2	0.8	0.6	0.2	0.8	0.6	0.2	0.8	0.6	0.2
(10)	0.8	0.0	0.2	0.8	0.7	0.1	0.8	0.8	0.1	0.9	0.8	0.1	0.9	0.8	0.0
(11)	0.4	0.5	-0.0	0.4	0.5	-0.1	0.4	0.5	-0.1	0.5	0.6	-0.1	0.5	0.6	-0.1
(12)	0.1	0.7	-0.5	0.1	0.7	-0.6	0.1	0.8	-0.6	0.1	0.8	-0.7	0.1	0.9	-0.7
(13,14)	0.3	0.6	-0.3	0.3	0.7	-0.3	0.3	0.8	-0.4	0.3	0.8	-0.5	0.4	0.9	-0.6
(15)	0.0	0.3	-0.3	0.0	0.4	-0.3	0.0	0.4	-0.3	0.0	0.4	-0.4	0.0	0.4	-0.4
(16)	0.0	0.0	-0.0	0.0	0.7	-0.7	0.0	0.7	-0.7	0.0	0.8	-0.7	0.0	0.8	-0.8
(17)	0.9	0.4	0.4	0.9	0.5	0.4	0.9	0.5	0.4	0.9	0.5	0.4	1.0	0.6	0.4
(25)	1.0	0.6	0.4	1.1	0.7	0.4	1.1	0.7	0.4	1.1	0.8	0.3	1.1	0.8	0.3
(23)	0.2	0.4	-0.2	0.2	0.4	-0.2	0.2	0.5	-0.3	0.2	0.5	-0.3	0.2	0.5	-0.3
(23)	0.5	0.4	0.0	0.5	0.5	-0.0	0.5	0.5	-0.0	0.5	0.5	-0.0	0.5	0.6	-0.1
(23)	1.6	0.3	1.3	1.6	0.3	1.4	1.7	0.3	1.4	1.7	0.3	1.4	1.7	0.3	1.4
C.J. PROJECT AREA	19.0	10.2	6.3	19.4	11.2	8.2	19.8	12.0	7.8	20.2	12.8	7.4	20.6	13.5	7.0
C.J. OTHER AREA	19.2	6.5	12.6	19.5	7.1	12.5	20.0	7.7	12.4	20.3	8.2	12.1	20.7	8.7	12.0
TENT JAVA TOTAL	38.2	16.7	21.5	38.9	18.3	20.6	39.8	19.7	20.1	40.5	21.0	19.5	41.3	22.2	19.1
(24)	3.0	0.3	2.7	3.1	0.4	2.7	3.1	0.4	2.7	3.2	0.4	2.8	3.3	0.5	2.8
(25)	1.4	0.5	0.9	1.5	0.5	0.9	1.5	0.6	0.9	1.5	0.6	0.9	1.6	0.7	0.9
(26)	0.6	0.4	0.3	0.6	0.4	0.3	0.7	0.4	0.2	0.7	0.5	0.2	0.7	0.5	0.2
(27)	2.3	0.5	1.8	2.3	0.6	1.8	2.4	0.6	1.8	2.4	0.7	1.8	2.5	0.7	1.8
(28)	1.1	0.5	0.2	1.1	0.9	0.2	1.1	1.1	0.1	1.2	1.2	-0.0	1.2	1.3	-0.1
(29)	1.8	0.7	1.1	1.8	0.8	1.1	1.9	0.8	1.1	1.9	0.8	1.0	2.0	1.0	1.0
(30)	0.0	0.5	-0.5	0.0	0.5	-0.5	0.0	0.6	-0.6	0.0	0.6	-0.6	0.0	0.6	-0.6
(30)	0.0	0.4	-0.4	0.0	0.4	-0.4	0.0	0.5	-0.5	0.0	0.5	-0.5	0.0	0.5	-0.5
(31)	0.0	0.5	-0.5	0.0	0.5	-0.5	0.0	0.6	-0.6	0.0	0.6	-0.6	0.0	0.6	-0.6
(32)	1.1	0.5	0.6	1.1	0.6	0.5	1.1	0.6	0.5	1.2	0.7	0.5	1.2	0.7	0.5
(36)	1.3	1.5	0.3	1.8	1.6	0.2	1.9	1.8	0.0	1.9	2.1	-0.2	2.0	2.3	-0.4
E.J. PROJECT AREA	13.1	6.6	6.5	13.4	7.3	6.2	13.8	8.0	5.7	14.1	8.9	5.2	14.4	9.7	4.7
E.J. OTHER AREA	40.6	10.8	29.7	41.6	11.9	29.7	42.5	13.2	29.3	43.4	14.7	28.7	44.4	16.3	28.1
EAST JAVA TOTAL	53.7	17.5	36.2	55.0	19.2	35.8	56.3	21.3	35.0	57.5	23.6	33.9	58.8	26.0	32.8
EAST JAVA TOTAL	132.1	18.5	113.6	136.1	21.0	115.1	139.9	23.5	116.4	143.0	26.3	116.7	145.9	29.2	116.7
JAVA TOTAL	224.3	52.6	171.4	230.0	58.6	171.6	236.0	64.5	171.5	241.0	70.8	170.2	246.0	77.5	169.5

SURPLUS AND DEFICIT IN COMMUNITY DISTRIBUTION ON PROJECT AREA

PERKEMBANGAN PRODUKSI DAN PERKEMBANGAN PEREKONOMIAN

* COMMODITY LIVESTOCKS AND THEIR PRODUCTS

KURSE NO	1975				1985				1995				
	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	
(1) CILACAP	5.2	7.6	-2.6	5.5	6.0	-0.1	10.1	4.1	6.5	11.5	-4.9	7.1	13.1
(2) PALUANG	4.7	6.9	-2.1	5.0	5.5	0.5	8.8	-3.4	6.0	10.0	-4.0	6.5	11.4
(3) PURBALINGGA	2.6	3.8	-1.2	2.7	3.0	0.3	4.5	-2.0	3.3	5.6	-2.4	3.6	6.4
(4) KARANGEMBANG	2.6	3.9	-1.3	2.7	3.0	0.3	5.0	-2.0	3.3	5.7	-2.4	3.6	6.5
(5) MANGUNING	2.0	3.4	-1.4	2.4	2.6	0.2	4.3	-1.8	2.8	4.9	-2.1	3.1	5.6
(6) TEMANGUNG	2.0	3.1	-1.1	2.1	2.3	0.2	4.0	-1.7	2.5	4.6	-2.1	2.7	5.3
(7) MAJALANG	5.8	6.2	-0.4	4.1	4.4	0.3	8.0	-3.6	4.8	9.2	-4.4	5.3	10.6
(8) KAJA, SALATIGA	3.6	5.5	-1.9	4.1	4.4	0.3	7.2	-2.8	4.8	8.4	-3.5	5.3	9.8
(9) BOYUTALI	2.2	4.6	-2.4	2.4	2.8	0.4	5.5	-3.3	2.8	6.7	-3.5	3.1	7.6
(10) ALUWIK	3.9	6.1	-2.2	4.2	4.5	0.3	7.9	-3.4	4.9	9.0	-4.1	5.4	10.3
(11) PURWOREJO	2.8	5.3	-2.5	2.9	3.2	0.3	5.6	-2.4	3.5	6.4	-2.9	3.8	7.3
(12) KALIA	2.4	4.3	-1.9	2.6	2.8	0.2	4.1	-1.5	3.1	5.3	-2.2	3.4	10.5
(13) SUKOHARJO	2.7	5.9	-3.2	2.9	3.1	0.2	7.5	-4.8	3.4	9.5	-6.0	3.7	11.5
(14) KANANGANYAR	2.9	3.2	-0.3	2.9	3.2	0.3	4.1	-0.9	3.5	4.7	-1.2	3.8	5.3
(15) WONOREJO	1.7	5.8	-4.1	1.8	1.9	0.1	7.5	-5.6	2.1	8.5	-6.4	2.3	9.6
(16) SRAHEN	5.3	4.2	1.1	5.7	6.3	0.6	5.4	0.9	7.0	6.1	0.9	7.8	7.0
(17) BANTUL	8.2	5.9	2.3	8.8	6.6	2.2	7.5	2.3	10.8	8.7	2.2	12.1	10.0
(18) SLEMAN	5.8	3.9	1.9	6.2	4.4	1.8	6.5	1.9	7.7	5.7	2.0	8.6	6.5
(19) GUNUNG KIJUL	8.7	4.1	4.6	9.3	4.6	4.7	10.4	5.1	11.6	6.0	5.6	12.9	6.9
(20) KULON PROGO	12.7	2.4	10.2	13.6	15.1	1.5	3.2	11.9	16.8	3.6	13.2	18.7	4.1
HH 193													
C.J. PROJECT AREA	66.1	97.2	-31.1	91.8	100.6	-9.8	125.5	-34.7	111.3	144.1	-32.8	122.8	165.3
C.J. OTHER AREA	12.7	61.7	-49.0	13.0	65.8	-52.8	80.2	-67.0	13.4	92.2	-78.9	13.5	106.4
CENT JAWA TOTAL	98.8	158.9	-80.1	104.8	166.4	-62.6	205.7	-103.7	124.7	236.3	-111.6	136.3	271.7
(24) PACITAN	11.3	3.2	8.2	12.2	13.5	1.3	4.2	9.3	15.1	4.9	10.1	16.8	5.8
(25) PURWOREJO	7.9	4.7	3.2	8.5	5.4	3.2	6.2	3.2	10.5	7.3	3.2	11.7	8.6
(26) TRENGGALU	6.1	3.4	2.7	6.5	3.5	2.7	7.2	4.5	8.1	5.3	2.8	9.0	6.2
(27) TULUNGAGUNG	7.1	5.0	2.1	7.0	8.3	1.3	6.6	1.5	9.5	7.7	1.8	10.5	9.0
(28) KEDIRI	5.0	5.2	0.2	9.6	10.7	1.1	11.1	-0.4	11.9	13.3	-1.4	13.3	16.0
(29) ULITAN	21.4	6.6	14.8	22.9	25.1	2.2	8.6	16.8	28.4	10.1	18.3	31.6	11.8
(30) NGAWI	0.1	4.5	-4.5	0.0	5.0	-5.0	5.9	-5.9	0.0	6.8	-6.8	0.0	7.9
(31) MAGELANG	0.0	4.6	-4.6	0.0	4.1	-4.1	4.8	-4.8	0.0	5.7	-5.7	0.0	6.7
(32) PADIJARAN	0.0	4.7	-4.7	0.0	5.4	-5.4	5.4	-6.4	0.0	7.7	-7.7	0.0	9.3
(33) KANJURUHAN	9.0	3.6	5.5	5.6	4.0	1.6	5.5	4.1	11.9	7.6	4.3	13.3	8.8
(34) MALANG	21.4	14.3	7.1	22.9	16.2	6.7	19.4	6.1	28.4	23.3	5.0	31.6	28.3
C.J. PROJECT AREA	93.3	53.3	40.0	100.0	110.9	-8.9	84.2	26.7	123.7	94.9	23.8	137.8	118.6
C.J. OTHER AREA	17.8	133.1	-115.3	133.1	138.7	-5.6	138.7	84.4	226.6	166.0	60.6	252.3	199.5
EAST JAWA TOTAL	204.1	166.5	74.7	233.1	249.6	-14.5	222.9	111.1	350.3	265.9	84.4	390.1	318.1
WEST JAWA TOTAL	91.3	175.4	-84.6	104.1	111.6	-7.5	246.6	-135.0	120.0	256.2	-176.2	125.0	356.9
JAWA TOTAL	295.4	341.9	-109.3	338.2	361.2	-18.1	493.5	-246.0	470.3	522.1	-201.2	515.8	717.0

APP. Table III-12

SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION ON PROJECT AREA

* COMMODITY FISHERY

1000MT

ZONE NU	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
(1) CILACAP	4.8	5.2	-0.3	6.2	6.1	0.1	7.9	7.0	0.9	10.1	8.1	2.0	12.5	9.2	3.7
(2) PANYUMAS	0.5	4.6	-4.1	0.6	5.4	-4.8	0.8	6.2	-5.4	1.0	7.1	-6.1	1.3	8.0	-6.7
(3) PUKBALINGGA	0.2	2.6	-2.4	0.2	3.0	-2.7	0.3	3.4	-3.2	0.4	4.0	-3.6	0.5	4.5	-4.0
(4) PANJANGGARA	0.3	2.6	-2.3	0.4	3.1	-2.7	0.5	3.5	-3.0	0.6	4.0	-3.4	0.8	4.6	-3.8
(5) MANJESBU	0.6	2.2	-1.6	0.6	2.6	-1.9	0.9	3.0	-2.1	1.2	3.5	-2.3	1.5	3.9	-2.4
(6) TERANGGUNG	0.3	2.1	-1.8	0.4	2.4	-2.1	0.5	2.8	-2.3	0.6	3.2	-2.6	0.8	3.7	-2.9
(7) MAGELANG	0.3	4.1	-3.8	0.7	4.9	-4.5	0.5	5.6	-5.1	0.6	6.5	-5.9	0.8	7.5	-6.7
(8) NCTA. SALATIGA	1.2	3.7	-2.5	1.2	4.2	-2.8	1.5	5.0	-3.1	2.5	5.9	-3.4	3.2	6.9	-3.7
(9) BOYULALI	0.2	3.1	-2.9	0.3	3.6	-3.3	0.4	4.1	-3.7	0.6	4.7	-4.2	0.7	5.4	-4.6
(10) KEMENEN	0.1	4.1	-4.0	0.1	4.8	-4.7	0.2	5.5	-5.3	0.2	6.4	-6.1	0.3	7.2	-6.9
(11) PUKUKEJL	0.1	2.5	-2.8	0.1	3.4	-3.3	0.2	3.9	-3.7	0.2	4.5	-4.3	0.3	5.1	-4.8
(12) KLATEN	0.1	4.2	-4.1	0.1	5.0	-4.8	0.2	5.7	-5.5	0.2	6.5	-6.3	0.3	7.4	-7.1
(13) SUKOHARJU	0.1	3.9	-3.8	0.1	4.6	-4.5	0.1	5.5	-5.4	0.2	6.7	-6.5	0.2	8.0	-7.8
(14) KARANGANYAR	0.2	2.1	-2.0	0.2	2.5	-2.3	0.3	2.9	-2.6	0.4	3.3	-2.9	0.5	3.7	-3.3
(15) SUKUGIRI	0.2	3.9	-3.6	0.3	4.6	-4.3	0.3	5.2	-4.9	0.4	6.0	-5.6	0.5	6.8	-6.2
(16) SPANER	0.3	2.8	-2.0	1.0	3.3	-2.2	1.3	3.8	-2.4	1.7	4.3	-2.7	2.1	4.9	-2.8
(17) BANJUL	0.0	3.9	-3.9	0.0	4.6	-4.5	0.0	5.2	-5.2	0.0	6.1	-6.1	0.1	7.0	-6.9
(18) SLEMAN	1.2	2.6	-1.4	1.5	3.1	-1.5	1.9	3.5	-1.6	2.5	4.0	-1.5	3.2	4.6	-1.4
(19) GUNUNG KIDUL	0.1	2.7	-2.6	0.1	3.2	-3.1	0.1	3.7	-3.5	0.2	4.2	-4.0	0.2	4.8	-4.6
(20) KULON PRUGU	0.0	1.6	-1.6	0.1	1.9	-1.9	0.1	2.2	-2.1	0.1	2.5	-2.4	0.1	2.9	-2.8
U.J. PROJECT AREA	11.4	64.8	-53.4	14.5	76.3	-61.8	18.6	87.7	-69.1	23.7	101.5	-77.8	30.3	115.9	-85.7
U.J. OTHER AREA	40.3	41.1	-0.8	51.4	48.4	2.9	65.6	52.9	9.7	83.8	65.0	18.8	106.8	74.6	32.2
CENT JAVA TOTAL	51.7	105.9	-54.2	65.9	124.8	-58.9	84.2	143.6	-59.4	107.5	166.4	-58.9	137.1	190.5	-53.4
(24) PACITAN	0.1	2.1	-2.0	0.1	2.5	-2.3	0.2	2.9	-2.7	0.2	3.5	-3.2	0.3	4.1	-3.8
(25) PURUKUGU	0.1	3.2	-3.1	0.1	3.7	-3.6	0.1	4.3	-4.2	0.2	5.2	-5.0	0.2	6.0	-5.8
(26) TRENGGALEK	0.0	2.3	-2.3	0.0	2.7	-2.7	0.0	3.1	-3.1	0.0	3.7	-3.7	0.0	4.4	-4.3
(27) TULUNGAGUNG	0.0	3.3	-3.3	0.0	3.9	-3.9	0.0	4.6	-4.6	0.0	5.4	-5.4	0.0	6.3	-6.3
(28) KEDIRI	0.3	5.5	-5.2	0.3	6.5	-6.1	0.4	7.7	-7.3	0.6	9.4	-8.8	0.7	11.2	-10.5
(29) BLITAR	0.3	4.4	-4.1	0.4	5.1	-4.7	0.5	6.0	-5.5	0.6	7.1	-6.5	0.8	8.3	-7.5
(30) NGANI	0.0	3.0	-3.0	0.0	3.5	-3.5	0.0	4.1	-4.1	0.0	4.8	-4.8	0.0	5.6	-5.6
(31) MAGETAN	0.0	2.4	-2.4	0.0	2.8	-2.8	0.0	3.4	-3.4	0.0	4.0	-4.0	0.0	4.7	-4.7
(32) MADIUN	0.0	3.2	-3.2	0.0	3.7	-3.7	0.0	4.5	-4.5	0.0	5.4	-5.4	0.0	6.6	-6.6
(33) NGARJUK	0.3	3.4	-3.1	0.3	3.9	-3.6	0.4	4.6	-4.1	0.6	5.4	-4.8	0.7	6.2	-5.5
(34) MALANG	0.3	9.5	-9.2	0.4	11.3	-10.9	0.5	13.5	-13.0	0.6	16.4	-15.8	0.8	19.8	-19.0
E.J. PROJECT AREA	1.4	42.2	-60.8	1.7	49.6	-47.9	2.2	58.7	-56.4	2.8	70.3	-67.5	3.6	83.2	-79.5
E.J. OTHER AREA	84.8	68.8	16.1	108.3	81.1	27.2	138.1	96.7	41.5	176.3	116.5	59.4	225.0	139.9	85.1
EAST JAVA TOTAL	86.2	111.0	-24.8	110.0	130.7	-20.7	140.4	155.4	-15.0	179.2	187.2	-8.0	228.7	223.1	5.6
WEST JAVA TOTAL	129.3	117.2	12.1	164.9	143.2	21.7	210.5	171.9	38.6	268.7	208.6	60.1	342.9	250.3	92.6
JAVA TOTAL	215.5	228.2	33.3	274.9	273.9	-0.8	350.9	327.3	-23.6	447.9	416.5	-31.7	571.6	473.4	-98.2

SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION ON PROJECT AREA

* COMMODITY FOREST PRODUCTS

1000MT

ZONA NO	1975		1980		1985		1990		1995		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
(1) CILACAP	1.0	22.6	-20.9	1.8	26.4	-26.7	1.8	46.5	-44.8	1.8	55.6
(2) BANYUWAS	12.7	20.2	-7.5	12.7	25.3	-12.7	12.7	41.3	-28.6	12.7	45.1
(3) PURBALINGGA	0.0	11.2	-11.2	0.0	14.1	-14.1	0.0	23.0	-23.0	0.0	27.4
(4) BANJARNEGARA	1.5	11.3	-9.7	1.5	14.2	-12.6	1.5	23.2	-21.7	1.5	27.7
(5) KLABUNG	2.6	9.7	-7.2	2.6	12.2	-9.7	2.6	20.1	-17.5	2.6	23.9
(6) TEMBUNGUNG	0.0	8.9	-8.9	0.0	11.1	-11.1	0.0	18.3	-18.3	0.0	22.0
(7) KARANG	1.4	17.6	-16.2	1.4	22.1	-20.7	1.4	36.5	-35.1	1.4	44.0
(8) KILIA, SALATIGA	2.0	15.0	-13.0	2.0	18.8	-16.8	2.0	31.6	-29.7	2.0	38.6
(9) BAYULALI	0.0	13.4	-13.4	0.0	16.9	-16.9	0.0	27.5	-27.5	0.0	32.8
(10) APESEN	0.0	17.0	-17.0	0.0	22.4	-22.4	0.0	36.7	-36.7	0.0	43.8
(11) PURKAREJ	0.0	12.5	-12.5	0.0	15.8	-15.8	0.0	25.8	-25.8	0.0	30.8
(12) KLETA	0.0	18.4	-18.4	0.0	23.2	-23.2	0.0	37.5	-37.5	0.0	45.1
(13) SURABARJO	0.0	14.7	-14.7	0.0	18.3	-18.3	0.0	32.2	-32.2	0.0	40.6
(14) KARANGANYAR	0.0	9.5	-9.5	0.0	11.9	-11.9	0.0	19.4	-19.4	0.0	23.0
(15) MINGGIR	0.0	16.5	-16.5	0.0	21.3	-21.3	0.0	34.8	-34.8	0.0	41.4
(16) SRAGEN	0.0	12.1	-12.1	0.0	15.2	-15.2	0.0	24.9	-24.9	0.0	29.7
(17) BATUL	0.0	15.0	-15.0	0.0	18.7	-18.7	0.0	31.0	-31.0	0.0	37.4
(18) SLEMAN	0.0	11.4	-11.4	0.0	14.4	-14.4	0.0	23.6	-23.6	0.0	28.4
(19) GURUNG KIBUL	0.0	11.9	-11.9	0.0	15.0	-15.0	0.0	24.6	-24.6	0.0	29.6
(20) KULCA PRUGU	12.8	7.1	5.7	12.8	9.0	3.8	12.8	14.7	-1.9	12.8	17.7
C.J. PROJECT AREA	34.7	277.1	-242.4	34.7	348.3	-313.6	34.7	573.7	-539.0	34.7	688.6
C.J. OTHER AREA	323.0	174.5	148.5	323.0	219.2	103.8	323.0	363.1	-40.1	323.0	437.4
CENI JAVA TOTAL	357.7	451.6	-93.9	357.7	567.5	-209.8	357.7	936.8	-579.1	357.7	1126.0
(24) PACITAN	12.8	9.0	3.8	12.8	11.2	1.6	12.8	19.5	-6.7	12.8	23.9
(25) PURWOREJO	114.5	13.7	100.8	114.5	17.0	97.4	114.5	29.3	85.2	114.5	35.7
(26) TROMBOLANG	0.0	5.8	-5.8	0.0	12.2	-12.2	0.0	21.1	-21.1	0.0	25.8
(27) TULUNGAGUNG	89.5	14.5	75.0	89.5	18.0	71.4	89.5	30.8	54.6	89.5	37.6
(28) KUDUS	13.9	22.9	-9.0	13.9	28.7	-14.8	13.9	50.8	-36.8	13.9	63.3
(29) BLITAN	11.5	15.0	-3.5	11.5	23.6	-12.1	11.5	40.5	-29.0	11.5	49.4
(30) NGARI	0.0	13.0	-13.0	0.0	16.2	-16.2	0.0	27.6	-27.6	0.0	33.5
(31) MAGETAN	0.0	10.4	-10.4	0.0	13.0	-13.0	0.0	22.4	-22.4	0.0	27.5
(32) PADIJARAN	0.0	13.1	-13.1	0.0	16.4	-16.4	0.0	29.2	-29.2	0.0	36.6
(33) NGARJUK	13.5	14.7	-1.2	13.5	18.2	-4.7	13.5	31.0	-17.5	13.5	37.5
(34) MALANG	11.5	39.5	-27.9	11.5	49.5	-37.9	11.5	86.1	-76.5	11.5	110.4
E.J. PROJECT AREA	263.7	179.5	84.2	263.7	224.2	39.5	263.7	390.1	-126.4	263.7	481.2
E.J. OTHER AREA	317.6	282.2	35.4	317.6	300.8	16.8	317.6	635.6	-318.0	317.6	791.6
EAST JAVA TOTAL	581.3	461.7	119.6	581.3	585.0	-3.7	581.3	1025.7	-444.4	581.3	1272.8
WEST JAVA TOTAL	68.5	407.6	-369.3	68.5	601.7	-533.2	68.5	1077.5	-1009.0	68.5	1351.5
JAVA TOTAL	1607.5	1367.2	-379.7	1607.5	1754.1	-746.6	1607.5	3040.0	-2032.5	1607.5	3750.3

SUMBER-SUMBER PERIKANAN, LAHAN, DAN KAWASAN PERUMAHAN PROJEK AREA

* COMMUNITY TEXTILE

1000MI

ZONE NO	1975		1980		1985		1990		1995					
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)				
(1) CILACAP	0.0	1.6	-1.6	0.0	2.0	-2.0	0.0	2.5	0.0	3.1	-3.1	0.0	3.8	-3.8
(2) BAYUMAS	0.0	1.4	-1.4	0.0	1.8	-1.8	0.0	2.2	0.0	2.7	-2.7	0.0	3.3	-3.3
(3) PURBALINGGA	0.0	0.8	-0.8	0.0	1.0	-1.0	0.0	1.2	0.0	1.5	-1.5	0.0	1.8	-1.8
(4) LAJANGNEGARA	0.0	0.8	-0.8	0.0	1.0	-1.0	0.0	1.2	0.0	1.5	-1.5	0.0	1.9	-1.9
(5) WONOREJO	0.0	0.7	-0.7	0.0	0.9	-0.9	0.0	1.1	0.0	1.3	-1.3	0.0	1.6	-1.6
(6) TEMANGGUNG	0.0	0.6	-0.6	0.0	0.8	-0.8	0.0	1.0	0.0	1.3	-1.3	0.0	1.5	-1.5
(7) MAGELANG	0.0	1.3	-1.3	0.0	1.6	-1.6	0.0	2.0	0.0	2.5	-2.5	0.0	3.1	-3.1
(8) KOTA. SALATIGA	0.0	1.2	-1.2	0.0	1.5	-1.5	0.0	1.8	0.0	2.4	-2.4	0.0	3.0	-3.0
(9) SUKSES	0.0	0.9	-0.9	0.0	1.2	-1.2	0.0	1.4	0.0	1.8	-1.8	0.0	2.2	-2.2
(10) KEMBEN	0.0	1.2	-1.2	0.0	1.6	-1.6	0.0	1.9	0.0	2.4	-2.4	0.0	3.0	-3.0
(11) PUNOKREJO	0.0	0.9	-0.9	0.0	1.1	-1.1	0.0	1.4	0.0	1.7	-1.7	0.0	2.1	-2.1
(12) KALATI	0.0	1.3	-1.3	0.0	1.6	-1.6	0.0	2.0	0.0	2.5	-2.5	0.0	3.0	-3.0
(13-14) SUNTARJO	0.0	1.3	-1.3	0.0	1.7	-1.7	0.0	2.1	0.0	2.8	-2.8	0.0	3.6	-3.6
(15) KARANGANYAR	0.0	0.6	-0.6	0.0	0.8	-0.8	0.0	1.0	0.0	1.3	-1.3	0.0	1.5	-1.5
(16) KARANGANYAR	0.0	1.2	-1.2	0.0	1.5	-1.5	0.0	1.8	0.0	2.3	-2.3	0.0	2.8	-2.8
(17) SRAGEN	0.0	0.6	-0.6	0.0	1.1	-1.1	0.0	1.3	0.0	1.7	-1.7	0.0	2.0	-2.0
(18) BANTUL	0.0	1.3	-1.3	0.0	1.6	-1.6	0.0	1.9	0.0	2.5	-2.5	0.0	3.1	-3.1
(19) SLEMAN	0.0	0.8	-0.8	0.0	1.0	-1.0	0.0	1.2	0.0	1.5	-1.5	0.0	1.9	-1.9
(20) GURUNG KILO	0.0	0.8	-0.8	0.0	1.1	-1.1	0.0	1.3	0.0	1.6	-1.6	0.0	2.0	-2.0
(21) KULCA PRUGU	0.0	0.5	-0.5	0.0	0.6	-0.6	0.0	0.8	0.0	1.0	-1.0	0.0	1.2	-1.2
C.C. PROJECT AREA	0.0	19.9	-19.9	0.0	25.4	-25.4	0.0	31.1	0.0	39.5	-39.5	0.0	48.3	-48.3
C.C. OTHER AREA	0.0	12.7	-12.7	0.0	16.2	-16.2	0.0	19.9	0.0	25.5	-25.5	0.0	31.3	-31.3
CENT JAYA TOTAL	0.0	32.7	-32.7	0.0	41.6	-41.6	0.0	51.0	0.0	65.0	-65.0	0.0	79.6	-79.6
(24) PACIJAN	0.0	0.6	-0.6	0.0	0.8	-0.8	0.0	1.0	0.0	1.4	-1.4	0.0	1.7	-1.7
(25) PURKUNGGU	0.0	1.0	-1.0	0.0	1.2	-1.2	0.0	1.5	0.0	2.0	-2.0	0.0	2.5	-2.5
(26) TRENGGALEK	0.0	0.7	-0.7	0.0	0.9	-0.9	0.0	1.1	0.0	1.5	-1.5	0.0	1.8	-1.8
(27) TULUNGAGUNG	0.0	1.0	-1.0	0.0	1.3	-1.3	0.0	1.6	0.0	2.1	-2.1	0.0	2.6	-2.6
(28) KEDIRI	0.0	1.7	-1.7	0.0	2.2	-2.2	0.0	2.8	0.0	3.7	-3.7	0.0	4.8	-4.8
(29) BLITAR	0.0	1.3	-1.3	0.0	1.7	-1.7	0.0	2.1	0.0	2.8	-2.8	0.0	3.5	-3.5
(30) NGARAI	0.0	0.9	-0.9	0.0	1.2	-1.2	0.0	1.4	0.0	1.9	-1.9	0.0	2.3	-2.3
(31) MAGETAN	0.0	0.7	-0.7	0.0	0.9	-0.9	0.0	1.2	0.0	1.6	-1.6	0.0	2.0	-2.0
(32) MADIUN	0.0	1.0	-1.0	0.0	1.3	-1.3	0.0	1.6	0.0	2.2	-2.2	0.0	2.8	-2.8
(33) GANJUR	0.0	1.0	-1.0	0.0	1.3	-1.3	0.0	1.6	0.0	2.1	-2.1	0.0	2.6	-2.6
(34) PALANG	0.0	3.0	-3.0	0.0	3.8	-3.8	0.0	4.9	0.0	6.6	-6.6	0.0	8.5	-8.5
C.C. PROJECT AREA	0.0	13.0	-13.0	0.0	16.6	-16.6	0.0	21.0	0.0	27.7	-27.7	0.0	35.1	-35.1
C.C. OTHER AREA	0.0	21.5	-21.5	0.0	27.4	-27.4	0.0	34.5	0.0	46.5	-46.5	0.0	59.7	-59.7
EAST JAYA TOTAL	0.0	34.5	-34.5	0.0	44.0	-44.0	0.0	55.5	0.0	74.2	-74.2	0.0	94.9	-94.9
WEST JAYA TOTAL	5.0	37.6	-32.6	54.9	49.9	5.0	49.3	63.6	-14.3	77.0	85.4	-8.4	108.0	109.2
JAYA TOTAL	5.0	105.0	-100.0	54.9	135.4	-80.5	85.9	170.5	-84.6	224.5	-90.9	184.6	283.7	-99.1

APP. Table III-C-16

SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION ON PROJECT AREA

ZONE NO	1975						1980						1985						1990						1995																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	(1)	(2)	(3)	(4)	(5)	(6)	(1)	(2)	(3)	(4)	(5)	(6)	(1)	(2)	(3)	(4)	(5)	(6)	(1)	(2)	(3)	(4)	(5)	(6)	(1)	(2)	(3)	(4)	(5)	(6)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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(1) CILACAP	0.0	2.4	-2.4	63.5	3.5	60.0	63.5	5.2	56.3	63.5	7.3	56.2	63.5	10.5	53.0	(2) BANYUMAS	0.0	2.1	-2.1	0.0	3.0	-3.0	0.0	4.5	-4.5	0.0	6.3	-6.3	0.0	5.1	-5.0	(3) PURBALINGGA	0.0	1.2	-1.2	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.6	-3.6	0.0	5.1	-5.1	(4) BANJARNEGARA	4.9	1.2	3.7	5.6	1.7	3.9	16.9	2.6	14.3	16.9	3.6	13.3	16.9	5.2	11.7	(5) MUNDUBU	0.0	1.0	-1.0	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.1	-3.1	0.0	4.5	-4.5	(6) TERANGGUNG	0.0	1.0	-1.0	0.0	1.4	-1.4	0.0	2.1	-2.1	0.0	3.0	-3.0	0.0	4.4	-4.4	(7) MAGELANG	0.0	2.0	-2.0	0.0	2.9	-2.9	0.0	4.2	-4.2	0.0	6.1	-6.1	0.0	8.9	-8.9	(8) NUJA, SALATIGA	0.0	1.8	-1.8	0.0	2.7	-2.7	0.0	4.0	-4.0	0.0	5.8	-5.8	0.0	8.8	-8.8	(9) GUYULATI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.2	-4.2	0.0	6.1	-6.1	(10) NEUPEN	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	4.0	-4.0	0.0	5.7	-5.7	0.0	8.3	-8.3	(11) PUKUREJU	0.0	1.3	-1.3	0.0	2.0	-2.0	0.0	2.9	-2.9	0.0	4.1	-4.1	0.0	5.9	-5.9	(12) KLATEN	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	4.1	-4.1	0.0	5.8	-5.8	0.0	8.4	-8.4	(13,14) SUKOHARJO	0.0	2.2	-2.2	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.3	-7.3	0.0	11.4	-11.4	(15) KARANGAYAK	0.0	1.0	-1.0	0.0	1.4	-1.4	0.0	2.1	-2.1	0.0	2.5	-2.5	0.0	4.2	-4.2	(16) PENUGIKI	0.0	1.8	-1.8	0.0	2.6	-2.6	0.0	3.8	-3.8	0.0	5.4	-5.4	0.0	7.7	-7.7	(17) SRAKEN	0.0	1.3	-1.3	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	3.9	-3.9	0.0	5.6	-5.6	(25) BANTUL	0.0	2.1	-2.1	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.4	-6.4	0.0	9.3	-9.3	(26) SLEMAN	0.0	1.2	-1.2	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.5	-3.5	0.0	5.1	-5.1	(27) GUNUNG KIDUL	0.0	1.2	-1.2	0.0	1.8	-1.8	0.0	2.7	-2.7	0.0	3.8	-3.8	0.0	5.4	-5.4	(28) NULEN PRUGU	0.0	0.7	-0.7	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.2	-3.2	C.J. PROJECT AREA	4.9	30.6	-25.7	65.1	44.7	24.4	80.4	66.0	14.4	80.4	94.2	-13.8	80.4	137.0	-56.0	C.J. OTHER AREA	0.0	19.7	-19.7	0.0	28.7	-28.7	0.0	42.6	-42.6	0.0	61.2	-61.2	0.0	89.8	-89.8	CENT JAYA TOTAL	4.9	50.3	-45.4	65.1	73.5	-4.4	80.4	108.5	-28.1	80.4	155.4	-75.0	80.4	226.7	-146.3	(24) PACIJAN	0.0	1.0	-1.0	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	(25) PUNGGU	0.0	1.5	-1.5	0.0	2.1	-2.1	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.1	-7.1	(26) TENGGALEK	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.4	-2.4	0.0	3.5	-3.5	0.0	5.2	-5.2	(27) TULUNGWANGU	0.0	1.5	-1.5	0.0	2.3	-2.3	0.0	3.4	-3.4	0.0	5.0	-5.0	0.0	7.4	-7.4	(28) KADIKI	0.0	2.7	-2.7	0.0	3.9	-3.9	0.0	6.1	-6.1	0.0	9.2	-9.2	0.0	14.2	-14.2	(29) BLITAR	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.5	-4.5	0.0	6.6	-6.6	0.0	9.8	-9.8	(30) NGAWI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.5	-6.5	(31) MAGELAN	0.0	1.1	-1.1	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.8	-3.8	0.0	5.7	-5.7	(32) MADURAN	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.5	-3.5	0.0	5.4	-5.4	0.0	8.4	-8.4	(33) NGANJUN	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	0.0	7.1	-7.1	(36) MALANG	0.0	4.7	-4.7	0.0	6.9	-6.9	0.0	10.7	-10.7	0.0	16.3	-16.3	0.0	25.4	-25.4	E.J. PROJECT AREA	0.0	20.1	-20.1	0.0	29.5	-29.5	0.0	44.9	-44.9	0.0	66.9	-66.9	0.0	101.7	-101.7	E.J. OTHER AREA	11.6	35.4	-23.8	24.8	49.2	-24.4	47.3	75.6	-28.3	47.3	114.0	-66.7	47.3	175.9	-120.6	EAST JAYA TOTAL	11.6	55.6	-44.0	24.8	78.6	-53.8	47.3	120.5	-73.2	47.3	180.9	-133.6	47.3	277.6	-230.3	EAST JAYA TOTAL	15.6	60.7	-45.1	70.5	93.0	-22.5	81.8	142.6	-60.8	81.8	215.5	-133.7	81.8	332.0	-250.2	JAVA TOTAL	32.1	106.5	-133.4	106.4	245.1	-80.7	209.5	571.6	-162.1	209.5	551.9	-342.4	209.5	836.4	-626.9
(2) BANYUMAS	0.0	2.1	-2.1	0.0	3.0	-3.0	0.0	4.5	-4.5	0.0	6.3	-6.3	0.0	5.1	-5.0	(3) PURBALINGGA	0.0	1.2	-1.2	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.6	-3.6	0.0	5.1	-5.1	(4) BANJARNEGARA	4.9	1.2	3.7	5.6	1.7	3.9	16.9	2.6	14.3	16.9	3.6	13.3	16.9	5.2	11.7	(5) MUNDUBU	0.0	1.0	-1.0	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.1	-3.1	0.0	4.5	-4.5	(6) TERANGGUNG	0.0	1.0	-1.0	0.0	1.4	-1.4	0.0	2.1	-2.1	0.0	3.0	-3.0	0.0	4.4	-4.4	(7) MAGELANG	0.0	2.0	-2.0	0.0	2.9	-2.9	0.0	4.2	-4.2	0.0	6.1	-6.1	0.0	8.9	-8.9	(8) NUJA, SALATIGA	0.0	1.8	-1.8	0.0	2.7	-2.7	0.0	4.0	-4.0	0.0	5.8	-5.8	0.0	8.8	-8.8	(9) GUYULATI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.2	-4.2	0.0	6.1	-6.1	(10) NEUPEN	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	4.0	-4.0	0.0	5.7	-5.7	0.0	8.3	-8.3	(11) PUKUREJU	0.0	1.3	-1.3	0.0	2.0	-2.0	0.0	2.9	-2.9	0.0	4.1	-4.1	0.0	5.9	-5.9	(12) KLATEN	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	4.1	-4.1	0.0	5.8	-5.8	0.0	8.4	-8.4	(13,14) SUKOHARJO	0.0	2.2	-2.2	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.3	-7.3	0.0	11.4	-11.4	(15) KARANGAYAK	0.0	1.0	-1.0	0.0	1.4	-1.4	0.0	2.1	-2.1	0.0	2.5	-2.5	0.0	4.2	-4.2	(16) PENUGIKI	0.0	1.8	-1.8	0.0	2.6	-2.6	0.0	3.8	-3.8	0.0	5.4	-5.4	0.0	7.7	-7.7	(17) SRAKEN	0.0	1.3	-1.3	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	3.9	-3.9	0.0	5.6	-5.6	(25) BANTUL	0.0	2.1	-2.1	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.4	-6.4	0.0	9.3	-9.3	(26) SLEMAN	0.0	1.2	-1.2	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.5	-3.5	0.0	5.1	-5.1	(27) GUNUNG KIDUL	0.0	1.2	-1.2	0.0	1.8	-1.8	0.0	2.7	-2.7	0.0	3.8	-3.8	0.0	5.4	-5.4	(28) NULEN PRUGU	0.0	0.7	-0.7	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.2	-3.2	C.J. PROJECT AREA	4.9	30.6	-25.7	65.1	44.7	24.4	80.4	66.0	14.4	80.4	94.2	-13.8	80.4	137.0	-56.0	C.J. OTHER AREA	0.0	19.7	-19.7	0.0	28.7	-28.7	0.0	42.6	-42.6	0.0	61.2	-61.2	0.0	89.8	-89.8	CENT JAYA TOTAL	4.9	50.3	-45.4	65.1	73.5	-4.4	80.4	108.5	-28.1	80.4	155.4	-75.0	80.4	226.7	-146.3	(24) PACIJAN	0.0	1.0	-1.0	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	(25) PUNGGU	0.0	1.5	-1.5	0.0	2.1	-2.1	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.1	-7.1	(26) TENGGALEK	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.4	-2.4	0.0	3.5	-3.5	0.0	5.2	-5.2	(27) TULUNGWANGU	0.0	1.5	-1.5	0.0	2.3	-2.3	0.0	3.4	-3.4	0.0	5.0	-5.0	0.0	7.4	-7.4	(28) KADIKI	0.0	2.7	-2.7	0.0	3.9	-3.9	0.0	6.1	-6.1	0.0	9.2	-9.2	0.0	14.2	-14.2	(29) BLITAR	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.5	-4.5	0.0	6.6	-6.6	0.0	9.8	-9.8	(30) NGAWI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.5	-6.5	(31) MAGELAN	0.0	1.1	-1.1	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.8	-3.8	0.0	5.7	-5.7	(32) MADURAN	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.5	-3.5	0.0	5.4	-5.4	0.0	8.4	-8.4	(33) NGANJUN	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	0.0	7.1	-7.1	(36) MALANG	0.0	4.7	-4.7	0.0	6.9	-6.9	0.0	10.7	-10.7	0.0	16.3	-16.3	0.0	25.4	-25.4	E.J. PROJECT AREA	0.0	20.1	-20.1	0.0	29.5	-29.5	0.0	44.9	-44.9	0.0	66.9	-66.9	0.0	101.7	-101.7	E.J. OTHER AREA	11.6	35.4	-23.8	24.8	49.2	-24.4	47.3	75.6	-28.3	47.3	114.0	-66.7	47.3	175.9	-120.6	EAST JAYA TOTAL	11.6	55.6	-44.0	24.8	78.6	-53.8	47.3	120.5	-73.2	47.3	180.9	-133.6	47.3	277.6	-230.3	EAST JAYA TOTAL	15.6	60.7	-45.1	70.5	93.0	-22.5	81.8	142.6	-60.8	81.8	215.5	-133.7	81.8	332.0	-250.2	JAVA TOTAL	32.1	106.5	-133.4	106.4	245.1	-80.7	209.5	571.6	-162.1	209.5	551.9	-342.4	209.5	836.4	-626.9																
(3) PURBALINGGA	0.0	1.2	-1.2	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.6	-3.6	0.0	5.1	-5.1	(4) BANJARNEGARA	4.9	1.2	3.7	5.6	1.7	3.9	16.9	2.6	14.3	16.9	3.6	13.3	16.9	5.2	11.7	(5) MUNDUBU	0.0	1.0	-1.0	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.1	-3.1	0.0	4.5	-4.5	(6) TERANGGUNG	0.0	1.0	-1.0	0.0	1.4	-1.4	0.0	2.1	-2.1	0.0	3.0	-3.0	0.0	4.4	-4.4	(7) MAGELANG	0.0	2.0	-2.0	0.0	2.9	-2.9	0.0	4.2	-4.2	0.0	6.1	-6.1	0.0	8.9	-8.9	(8) NUJA, SALATIGA	0.0	1.8	-1.8	0.0	2.7	-2.7	0.0	4.0	-4.0	0.0	5.8	-5.8	0.0	8.8	-8.8	(9) GUYULATI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.2	-4.2	0.0	6.1	-6.1	(10) NEUPEN	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	4.0	-4.0	0.0	5.7	-5.7	0.0	8.3	-8.3	(11) PUKUREJU	0.0	1.3	-1.3	0.0	2.0	-2.0	0.0	2.9	-2.9	0.0	4.1	-4.1	0.0	5.9	-5.9	(12) KLATEN	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	4.1	-4.1	0.0	5.8	-5.8	0.0	8.4	-8.4	(13,14) SUKOHARJO	0.0	2.2	-2.2	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.3	-7.3	0.0	11.4	-11.4	(15) KARANGAYAK	0.0	1.0	-1.0	0.0	1.4	-1.4	0.0	2.1	-2.1	0.0	2.5	-2.5	0.0	4.2	-4.2	(16) PENUGIKI	0.0	1.8	-1.8	0.0	2.6	-2.6	0.0	3.8	-3.8	0.0	5.4	-5.4	0.0	7.7	-7.7	(17) SRAKEN	0.0	1.3	-1.3	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	3.9	-3.9	0.0	5.6	-5.6	(25) BANTUL	0.0	2.1	-2.1	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.4	-6.4	0.0	9.3	-9.3	(26) SLEMAN	0.0	1.2	-1.2	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.5	-3.5	0.0	5.1	-5.1	(27) GUNUNG KIDUL	0.0	1.2	-1.2	0.0	1.8	-1.8	0.0	2.7	-2.7	0.0	3.8	-3.8	0.0	5.4	-5.4	(28) NULEN PRUGU	0.0	0.7	-0.7	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.2	-3.2	C.J. PROJECT AREA	4.9	30.6	-25.7	65.1	44.7	24.4	80.4	66.0	14.4	80.4	94.2	-13.8	80.4	137.0	-56.0	C.J. OTHER AREA	0.0	19.7	-19.7	0.0	28.7	-28.7	0.0	42.6	-42.6	0.0	61.2	-61.2	0.0	89.8	-89.8	CENT JAYA TOTAL	4.9	50.3	-45.4	65.1	73.5	-4.4	80.4	108.5	-28.1	80.4	155.4	-75.0	80.4	226.7	-146.3	(24) PACIJAN	0.0	1.0	-1.0	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	(25) PUNGGU	0.0	1.5	-1.5	0.0	2.1	-2.1	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.1	-7.1	(26) TENGGALEK	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.4	-2.4	0.0	3.5	-3.5	0.0	5.2	-5.2	(27) TULUNGWANGU	0.0	1.5	-1.5	0.0	2.3	-2.3	0.0	3.4	-3.4	0.0	5.0	-5.0	0.0	7.4	-7.4	(28) KADIKI	0.0	2.7	-2.7	0.0	3.9	-3.9	0.0	6.1	-6.1	0.0	9.2	-9.2	0.0	14.2	-14.2	(29) BLITAR	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.5	-4.5	0.0	6.6	-6.6	0.0	9.8	-9.8	(30) NGAWI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.5	-6.5	(31) MAGELAN	0.0	1.1	-1.1	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.8	-3.8	0.0	5.7	-5.7	(32) MADURAN	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.5	-3.5	0.0	5.4	-5.4	0.0	8.4	-8.4	(33) NGANJUN	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	0.0	7.1	-7.1	(36) MALANG	0.0	4.7	-4.7	0.0	6.9	-6.9	0.0	10.7	-10.7	0.0	16.3	-16.3	0.0	25.4	-25.4	E.J. PROJECT AREA	0.0	20.1	-20.1	0.0	29.5	-29.5	0.0	44.9	-44.9	0.0	66.9	-66.9	0.0	101.7	-101.7	E.J. OTHER AREA	11.6	35.4	-23.8	24.8	49.2	-24.4	47.3	75.6	-28.3	47.3	114.0	-66.7	47.3	175.9	-120.6	EAST JAYA TOTAL	11.6	55.6	-44.0	24.8	78.6	-53.8	47.3	120.5	-73.2	47.3	180.9	-133.6	47.3	277.6	-230.3	EAST JAYA TOTAL	15.6	60.7	-45.1	70.5	93.0	-22.5	81.8	142.6	-60.8	81.8	215.5	-133.7	81.8	332.0	-250.2	JAVA TOTAL	32.1	106.5	-133.4	106.4	245.1	-80.7	209.5	571.6	-162.1	209.5	551.9	-342.4	209.5	836.4	-626.9																																
(4) BANJARNEGARA	4.9	1.2	3.7	5.6	1.7	3.9	16.9	2.6	14.3	16.9	3.6	13.3	16.9	5.2	11.7	(5) MUNDUBU	0.0	1.0	-1.0	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.1	-3.1	0.0	4.5	-4.5	(6) TERANGGUNG	0.0	1.0	-1.0	0.0	1.4	-1.4	0.0	2.1	-2.1	0.0	3.0	-3.0	0.0	4.4	-4.4	(7) MAGELANG	0.0	2.0	-2.0	0.0	2.9	-2.9	0.0	4.2	-4.2	0.0	6.1	-6.1	0.0	8.9	-8.9	(8) NUJA, SALATIGA	0.0	1.8	-1.8	0.0	2.7	-2.7	0.0	4.0	-4.0	0.0	5.8	-5.8	0.0	8.8	-8.8	(9) GUYULATI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.2	-4.2	0.0	6.1	-6.1	(10) NEUPEN	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	4.0	-4.0	0.0	5.7	-5.7	0.0	8.3	-8.3	(11) PUKUREJU	0.0	1.3	-1.3	0.0	2.0	-2.0	0.0	2.9	-2.9	0.0	4.1	-4.1	0.0	5.9	-5.9	(12) KLATEN	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	4.1	-4.1	0.0	5.8	-5.8	0.0	8.4	-8.4	(13,14) SUKOHARJO	0.0	2.2	-2.2	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.3	-7.3	0.0	11.4	-11.4	(15) KARANGAYAK	0.0	1.0	-1.0	0.0	1.4	-1.4	0.0	2.1	-2.1	0.0	2.5	-2.5	0.0	4.2	-4.2	(16) PENUGIKI	0.0	1.8	-1.8	0.0	2.6	-2.6	0.0	3.8	-3.8	0.0	5.4	-5.4	0.0	7.7	-7.7	(17) SRAKEN	0.0	1.3	-1.3	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	3.9	-3.9	0.0	5.6	-5.6	(25) BANTUL	0.0	2.1	-2.1	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.4	-6.4	0.0	9.3	-9.3	(26) SLEMAN	0.0	1.2	-1.2	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.5	-3.5	0.0	5.1	-5.1	(27) GUNUNG KIDUL	0.0	1.2	-1.2	0.0	1.8	-1.8	0.0	2.7	-2.7	0.0	3.8	-3.8	0.0	5.4	-5.4	(28) NULEN PRUGU	0.0	0.7	-0.7	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.2	-3.2	C.J. PROJECT AREA	4.9	30.6	-25.7	65.1	44.7	24.4	80.4	66.0	14.4	80.4	94.2	-13.8	80.4	137.0	-56.0	C.J. OTHER AREA	0.0	19.7	-19.7	0.0	28.7	-28.7	0.0	42.6	-42.6	0.0	61.2	-61.2	0.0	89.8	-89.8	CENT JAYA TOTAL	4.9	50.3	-45.4	65.1	73.5	-4.4	80.4	108.5	-28.1	80.4	155.4	-75.0	80.4	226.7	-146.3	(24) PACIJAN	0.0	1.0	-1.0	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	(25) PUNGGU	0.0	1.5	-1.5	0.0	2.1	-2.1	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.1	-7.1	(26) TENGGALEK	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.4	-2.4	0.0	3.5	-3.5	0.0	5.2	-5.2	(27) TULUNGWANGU	0.0	1.5	-1.5	0.0	2.3	-2.3	0.0	3.4	-3.4	0.0	5.0	-5.0	0.0	7.4	-7.4	(28) KADIKI	0.0	2.7	-2.7	0.0	3.9	-3.9	0.0	6.1	-6.1	0.0	9.2	-9.2	0.0	14.2	-14.2	(29) BLITAR	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.5	-4.5	0.0	6.6	-6.6	0.0	9.8	-9.8	(30) NGAWI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.5	-6.5	(31) MAGELAN	0.0	1.1	-1.1	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.8	-3.8	0.0	5.7	-5.7	(32) MADURAN	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.5	-3.5	0.0	5.4	-5.4	0.0	8.4	-8.4	(33) NGANJUN	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	0.0	7.1	-7.1	(36) MALANG	0.0	4.7	-4.7	0.0	6.9	-6.9	0.0	10.7	-10.7	0.0	16.3	-16.3	0.0	25.4	-25.4	E.J. PROJECT AREA	0.0	20.1	-20.1	0.0	29.5	-29.5	0.0	44.9	-44.9	0.0	66.9	-66.9	0.0	101.7	-101.7	E.J. OTHER AREA	11.6	35.4	-23.8	24.8	49.2	-24.4	47.3	75.6	-28.3	47.3	114.0	-66.7	47.3	175.9	-120.6	EAST JAYA TOTAL	11.6	55.6	-44.0	24.8	78.6	-53.8	47.3	120.5	-73.2	47.3	180.9	-133.6	47.3	277.6	-230.3	EAST JAYA TOTAL	15.6	60.7	-45.1	70.5	93.0	-22.5	81.8	142.6	-60.8	81.8	215.5	-133.7	81.8	332.0	-250.2	JAVA TOTAL	32.1	106.5	-133.4	106.4	245.1	-80.7	209.5	571.6	-162.1	209.5	551.9	-342.4	209.5	836.4	-626.9																																																
(5) MUNDUBU	0.0	1.0	-1.0	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.1	-3.1	0.0	4.5	-4.5	(6) TERANGGUNG	0.0	1.0	-1.0	0.0	1.4	-1.4	0.0	2.1	-2.1	0.0	3.0	-3.0	0.0	4.4	-4.4	(7) MAGELANG	0.0	2.0	-2.0	0.0	2.9	-2.9	0.0	4.2	-4.2	0.0	6.1	-6.1	0.0	8.9	-8.9	(8) NUJA, SALATIGA	0.0	1.8	-1.8	0.0	2.7	-2.7	0.0	4.0	-4.0	0.0	5.8	-5.8	0.0	8.8	-8.8	(9) GUYULATI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.2	-4.2	0.0	6.1	-6.1	(10) NEUPEN	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	4.0	-4.0	0.0	5.7	-5.7	0.0	8.3	-8.3	(11) PUKUREJU	0.0	1.3	-1.3	0.0	2.0	-2.0	0.0	2.9	-2.9	0.0	4.1	-4.1	0.0	5.9	-5.9	(12) KLATEN	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	4.1	-4.1	0.0	5.8	-5.8	0.0	8.4	-8.4	(13,14) SUKOHARJO	0.0	2.2	-2.2	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.3	-7.3	0.0	11.4	-11.4	(15) KARANGAYAK	0.0	1.0	-1.0	0.0	1.4	-1.4	0.0	2.1	-2.1	0.0	2.5	-2.5	0.0	4.2	-4.2	(16) PENUGIKI	0.0	1.8	-1.8	0.0	2.6	-2.6	0.0	3.8	-3.8	0.0	5.4	-5.4	0.0	7.7	-7.7	(17) SRAKEN	0.0	1.3	-1.3	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	3.9	-3.9	0.0	5.6	-5.6	(25) BANTUL	0.0	2.1	-2.1	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.4	-6.4	0.0	9.3	-9.3	(26) SLEMAN	0.0	1.2	-1.2	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.5	-3.5	0.0	5.1	-5.1	(27) GUNUNG KIDUL	0.0	1.2	-1.2	0.0	1.8	-1.8	0.0	2.7	-2.7	0.0	3.8	-3.8	0.0	5.4	-5.4	(28) NULEN PRUGU	0.0	0.7	-0.7	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.2	-3.2	C.J. PROJECT AREA	4.9	30.6	-25.7	65.1	44.7	24.4	80.4	66.0	14.4	80.4	94.2	-13.8	80.4	137.0	-56.0	C.J. OTHER AREA	0.0	19.7	-19.7	0.0	28.7	-28.7	0.0	42.6	-42.6	0.0	61.2	-61.2	0.0	89.8	-89.8	CENT JAYA TOTAL	4.9	50.3	-45.4	65.1	73.5	-4.4	80.4	108.5	-28.1	80.4	155.4	-75.0	80.4	226.7	-146.3	(24) PACIJAN	0.0	1.0	-1.0	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	(25) PUNGGU	0.0	1.5	-1.5	0.0	2.1	-2.1	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.1	-7.1	(26) TENGGALEK	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.4	-2.4	0.0	3.5	-3.5	0.0	5.2	-5.2	(27) TULUNGWANGU	0.0	1.5	-1.5	0.0	2.3	-2.3	0.0	3.4	-3.4	0.0	5.0	-5.0	0.0	7.4	-7.4	(28) KADIKI	0.0	2.7	-2.7	0.0	3.9	-3.9	0.0	6.1	-6.1	0.0	9.2	-9.2	0.0	14.2	-14.2	(29) BLITAR	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.5	-4.5	0.0	6.6	-6.6	0.0	9.8	-9.8	(30) NGAWI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.5	-6.5	(31) MAGELAN	0.0	1.1	-1.1	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.8	-3.8	0.0	5.7	-5.7	(32) MADURAN	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.5	-3.5	0.0	5.4	-5.4	0.0	8.4	-8.4	(33) NGANJUN	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	0.0	7.1	-7.1	(36) MALANG	0.0	4.7	-4.7	0.0	6.9	-6.9	0.0	10.7	-10.7	0.0	16.3	-16.3	0.0	25.4	-25.4	E.J. PROJECT AREA	0.0	20.1	-20.1	0.0	29.5	-29.5	0.0	44.9	-44.9	0.0	66.9	-66.9	0.0	101.7	-101.7	E.J. OTHER AREA	11.6	35.4	-23.8	24.8	49.2	-24.4	47.3	75.6	-28.3	47.3	114.0	-66.7	47.3	175.9	-120.6	EAST JAYA TOTAL	11.6	55.6	-44.0	24.8	78.6	-53.8	47.3	120.5	-73.2	47.3	180.9	-133.6	47.3	277.6	-230.3	EAST JAYA TOTAL	15.6	60.7	-45.1	70.5	93.0	-22.5	81.8	142.6	-60.8	81.8	215.5	-133.7	81.8	332.0	-250.2	JAVA TOTAL	32.1	106.5	-133.4	106.4	245.1	-80.7	209.5	571.6	-162.1	209.5	551.9	-342.4	209.5	836.4	-626.9																																																																
(6) TERANGGUNG	0.0	1.0	-1.0	0.0	1.4	-1.4	0.0	2.1	-2.1	0.0	3.0	-3.0	0.0	4.4	-4.4	(7) MAGELANG	0.0	2.0	-2.0	0.0	2.9	-2.9	0.0	4.2	-4.2	0.0	6.1	-6.1	0.0	8.9	-8.9	(8) NUJA, SALATIGA	0.0	1.8	-1.8	0.0	2.7	-2.7	0.0	4.0	-4.0	0.0	5.8	-5.8	0.0	8.8	-8.8	(9) GUYULATI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.2	-4.2	0.0	6.1	-6.1	(10) NEUPEN	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	4.0	-4.0	0.0	5.7	-5.7	0.0	8.3	-8.3	(11) PUKUREJU	0.0	1.3	-1.3	0.0	2.0	-2.0	0.0	2.9	-2.9	0.0	4.1	-4.1	0.0	5.9	-5.9	(12) KLATEN	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	4.1	-4.1	0.0	5.8	-5.8	0.0	8.4	-8.4	(13,14) SUKOHARJO	0.0	2.2	-2.2	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.3	-7.3	0.0	11.4	-11.4	(15) KARANGAYAK	0.0	1.0	-1.0	0.0	1.4	-1.4	0.0	2.1	-2.1	0.0	2.5	-2.5	0.0	4.2	-4.2	(16) PENUGIKI	0.0	1.8	-1.8	0.0	2.6	-2.6	0.0	3.8	-3.8	0.0	5.4	-5.4	0.0	7.7	-7.7	(17) SRAKEN	0.0	1.3	-1.3	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	3.9	-3.9	0.0	5.6	-5.6	(25) BANTUL	0.0	2.1	-2.1	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.4	-6.4	0.0	9.3	-9.3	(26) SLEMAN	0.0	1.2	-1.2	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.5	-3.5	0.0	5.1	-5.1	(27) GUNUNG KIDUL	0.0	1.2	-1.2	0.0	1.8	-1.8	0.0	2.7	-2.7	0.0	3.8	-3.8	0.0	5.4	-5.4	(28) NULEN PRUGU	0.0	0.7	-0.7	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.2	-3.2	C.J. PROJECT AREA	4.9	30.6	-25.7	65.1	44.7	24.4	80.4	66.0	14.4	80.4	94.2	-13.8	80.4	137.0	-56.0	C.J. OTHER AREA	0.0	19.7	-19.7	0.0	28.7	-28.7	0.0	42.6	-42.6	0.0	61.2	-61.2	0.0	89.8	-89.8	CENT JAYA TOTAL	4.9	50.3	-45.4	65.1	73.5	-4.4	80.4	108.5	-28.1	80.4	155.4	-75.0	80.4	226.7	-146.3	(24) PACIJAN	0.0	1.0	-1.0	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	(25) PUNGGU	0.0	1.5	-1.5	0.0	2.1	-2.1	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.1	-7.1	(26) TENGGALEK	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.4	-2.4	0.0	3.5	-3.5	0.0	5.2	-5.2	(27) TULUNGWANGU	0.0	1.5	-1.5	0.0	2.3	-2.3	0.0	3.4	-3.4	0.0	5.0	-5.0	0.0	7.4	-7.4	(28) KADIKI	0.0	2.7	-2.7	0.0	3.9	-3.9	0.0	6.1	-6.1	0.0	9.2	-9.2	0.0	14.2	-14.2	(29) BLITAR	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.5	-4.5	0.0	6.6	-6.6	0.0	9.8	-9.8	(30) NGAWI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.5	-6.5	(31) MAGELAN	0.0	1.1	-1.1	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.8	-3.8	0.0	5.7	-5.7	(32) MADURAN	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.5	-3.5	0.0	5.4	-5.4	0.0	8.4	-8.4	(33) NGANJUN	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	0.0	7.1	-7.1	(36) MALANG	0.0	4.7	-4.7	0.0	6.9	-6.9	0.0	10.7	-10.7	0.0	16.3	-16.3	0.0	25.4	-25.4	E.J. PROJECT AREA	0.0	20.1	-20.1	0.0	29.5	-29.5	0.0	44.9	-44.9	0.0	66.9	-66.9	0.0	101.7	-101.7	E.J. OTHER AREA	11.6	35.4	-23.8	24.8	49.2	-24.4	47.3	75.6	-28.3	47.3	114.0	-66.7	47.3	175.9	-120.6	EAST JAYA TOTAL	11.6	55.6	-44.0	24.8	78.6	-53.8	47.3	120.5	-73.2	47.3	180.9	-133.6	47.3	277.6	-230.3	EAST JAYA TOTAL	15.6	60.7	-45.1	70.5	93.0	-22.5	81.8	142.6	-60.8	81.8	215.5	-133.7	81.8	332.0	-250.2	JAVA TOTAL	32.1	106.5	-133.4	106.4	245.1	-80.7	209.5	571.6	-162.1	209.5	551.9	-342.4	209.5	836.4	-626.9																																																																																
(7) MAGELANG	0.0	2.0	-2.0	0.0	2.9	-2.9	0.0	4.2	-4.2	0.0	6.1	-6.1	0.0	8.9	-8.9	(8) NUJA, SALATIGA	0.0	1.8	-1.8	0.0	2.7	-2.7	0.0	4.0	-4.0	0.0	5.8	-5.8	0.0	8.8	-8.8	(9) GUYULATI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.2	-4.2	0.0	6.1	-6.1	(10) NEUPEN	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	4.0	-4.0	0.0	5.7	-5.7	0.0	8.3	-8.3	(11) PUKUREJU	0.0	1.3	-1.3	0.0	2.0	-2.0	0.0	2.9	-2.9	0.0	4.1	-4.1	0.0	5.9	-5.9	(12) KLATEN	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	4.1	-4.1	0.0	5.8	-5.8	0.0	8.4	-8.4	(13,14) SUKOHARJO	0.0	2.2	-2.2	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.3	-7.3	0.0	11.4	-11.4	(15) KARANGAYAK	0.0	1.0	-1.0	0.0	1.4	-1.4	0.0	2.1	-2.1	0.0	2.5	-2.5	0.0	4.2	-4.2	(16) PENUGIKI	0.0	1.8	-1.8	0.0	2.6	-2.6	0.0	3.8	-3.8	0.0	5.4	-5.4	0.0	7.7	-7.7	(17) SRAKEN	0.0	1.3	-1.3	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	3.9	-3.9	0.0	5.6	-5.6	(25) BANTUL	0.0	2.1	-2.1	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.4	-6.4	0.0	9.3	-9.3	(26) SLEMAN	0.0	1.2	-1.2	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.5	-3.5	0.0	5.1	-5.1	(27) GUNUNG KIDUL	0.0	1.2	-1.2	0.0	1.8	-1.8	0.0	2.7	-2.7	0.0	3.8	-3.8	0.0	5.4	-5.4	(28) NULEN PRUGU	0.0	0.7	-0.7	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.2	-3.2	C.J. PROJECT AREA	4.9	30.6	-25.7	65.1	44.7	24.4	80.4	66.0	14.4	80.4	94.2	-13.8	80.4	137.0	-56.0	C.J. OTHER AREA	0.0	19.7	-19.7	0.0	28.7	-28.7	0.0	42.6	-42.6	0.0	61.2	-61.2	0.0	89.8	-89.8	CENT JAYA TOTAL	4.9	50.3	-45.4	65.1	73.5	-4.4	80.4	108.5	-28.1	80.4	155.4	-75.0	80.4	226.7	-146.3	(24) PACIJAN	0.0	1.0	-1.0	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	(25) PUNGGU	0.0	1.5	-1.5	0.0	2.1	-2.1	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.1	-7.1	(26) TENGGALEK	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.4	-2.4	0.0	3.5	-3.5	0.0	5.2	-5.2	(27) TULUNGWANGU	0.0	1.5	-1.5	0.0	2.3	-2.3	0.0	3.4	-3.4	0.0	5.0	-5.0	0.0	7.4	-7.4	(28) KADIKI	0.0	2.7	-2.7	0.0	3.9	-3.9	0.0	6.1	-6.1	0.0	9.2	-9.2	0.0	14.2	-14.2	(29) BLITAR	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.5	-4.5	0.0	6.6	-6.6	0.0	9.8	-9.8	(30) NGAWI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.5	-6.5	(31) MAGELAN	0.0	1.1	-1.1	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.8	-3.8	0.0	5.7	-5.7	(32) MADURAN	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.5	-3.5	0.0	5.4	-5.4	0.0	8.4	-8.4	(33) NGANJUN	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	0.0	7.1	-7.1	(36) MALANG	0.0	4.7	-4.7	0.0	6.9	-6.9	0.0	10.7	-10.7	0.0	16.3	-16.3	0.0	25.4	-25.4	E.J. PROJECT AREA	0.0	20.1	-20.1	0.0	29.5	-29.5	0.0	44.9	-44.9	0.0	66.9	-66.9	0.0	101.7	-101.7	E.J. OTHER AREA	11.6	35.4	-23.8	24.8	49.2	-24.4	47.3	75.6	-28.3	47.3	114.0	-66.7	47.3	175.9	-120.6	EAST JAYA TOTAL	11.6	55.6	-44.0	24.8	78.6	-53.8	47.3	120.5	-73.2	47.3	180.9	-133.6	47.3	277.6	-230.3	EAST JAYA TOTAL	15.6	60.7	-45.1	70.5	93.0	-22.5	81.8	142.6	-60.8	81.8	215.5	-133.7	81.8	332.0	-250.2	JAVA TOTAL	32.1	106.5	-133.4	106.4	245.1	-80.7	209.5	571.6	-162.1	209.5	551.9	-342.4	209.5	836.4	-626.9																																																																																																
(8) NUJA, SALATIGA	0.0	1.8	-1.8	0.0	2.7	-2.7	0.0	4.0	-4.0	0.0	5.8	-5.8	0.0	8.8	-8.8	(9) GUYULATI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.2	-4.2	0.0	6.1	-6.1	(10) NEUPEN	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	4.0	-4.0	0.0	5.7	-5.7	0.0	8.3	-8.3	(11) PUKUREJU	0.0	1.3	-1.3	0.0	2.0	-2.0	0.0	2.9	-2.9	0.0	4.1	-4.1	0.0	5.9	-5.9	(12) KLATEN	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	4.1	-4.1	0.0	5.8	-5.8	0.0	8.4	-8.4	(13,14) SUKOHARJO	0.0	2.2	-2.2	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.3	-7.3	0.0	11.4	-11.4	(15) KARANGAYAK	0.0	1.0	-1.0	0.0	1.4	-1.4	0.0	2.1	-2.1	0.0	2.5	-2.5	0.0	4.2	-4.2	(16) PENUGIKI	0.0	1.8	-1.8	0.0	2.6	-2.6	0.0	3.8	-3.8	0.0	5.4	-5.4	0.0	7.7	-7.7	(17) SRAKEN	0.0	1.3	-1.3	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	3.9	-3.9	0.0	5.6	-5.6	(25) BANTUL	0.0	2.1	-2.1	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.4	-6.4	0.0	9.3	-9.3	(26) SLEMAN	0.0	1.2	-1.2	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.5	-3.5	0.0	5.1	-5.1	(27) GUNUNG KIDUL	0.0	1.2	-1.2	0.0	1.8	-1.8	0.0	2.7	-2.7	0.0	3.8	-3.8	0.0	5.4	-5.4	(28) NULEN PRUGU	0.0	0.7	-0.7	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.2	-3.2	C.J. PROJECT AREA	4.9	30.6	-25.7	65.1	44.7	24.4	80.4	66.0	14.4	80.4	94.2	-13.8	80.4	137.0	-56.0	C.J. OTHER AREA	0.0	19.7	-19.7	0.0	28.7	-28.7	0.0	42.6	-42.6	0.0	61.2	-61.2	0.0	89.8	-89.8	CENT JAYA TOTAL	4.9	50.3	-45.4	65.1	73.5	-4.4	80.4	108.5	-28.1	80.4	155.4	-75.0	80.4	226.7	-146.3	(24) PACIJAN	0.0	1.0	-1.0	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	(25) PUNGGU	0.0	1.5	-1.5	0.0	2.1	-2.1	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.1	-7.1	(26) TENGGALEK	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.4	-2.4	0.0	3.5	-3.5	0.0	5.2	-5.2	(27) TULUNGWANGU	0.0	1.5	-1.5	0.0	2.3	-2.3	0.0	3.4	-3.4	0.0	5.0	-5.0	0.0	7.4	-7.4	(28) KADIKI	0.0	2.7	-2.7	0.0	3.9	-3.9	0.0	6.1	-6.1	0.0	9.2	-9.2	0.0	14.2	-14.2	(29) BLITAR	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.5	-4.5	0.0	6.6	-6.6	0.0	9.8	-9.8	(30) NGAWI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.5	-6.5	(31) MAGELAN	0.0	1.1	-1.1	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.8	-3.8	0.0	5.7	-5.7	(32) MADURAN	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.5	-3.5	0.0	5.4	-5.4	0.0	8.4	-8.4	(33) NGANJUN	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	0.0	7.1	-7.1	(36) MALANG	0.0	4.7	-4.7	0.0	6.9	-6.9	0.0	10.7	-10.7	0.0	16.3	-16.3	0.0	25.4	-25.4	E.J. PROJECT AREA	0.0	20.1	-20.1	0.0	29.5	-29.5	0.0	44.9	-44.9	0.0	66.9	-66.9	0.0	101.7	-101.7	E.J. OTHER AREA	11.6	35.4	-23.8	24.8	49.2	-24.4	47.3	75.6	-28.3	47.3	114.0	-66.7	47.3	175.9	-120.6	EAST JAYA TOTAL	11.6	55.6	-44.0	24.8	78.6	-53.8	47.3	120.5	-73.2	47.3	180.9	-133.6	47.3	277.6	-230.3	EAST JAYA TOTAL	15.6	60.7	-45.1	70.5	93.0	-22.5	81.8	142.6	-60.8	81.8	215.5	-133.7	81.8	332.0	-250.2	JAVA TOTAL	32.1	106.5	-133.4	106.4	245.1	-80.7	209.5	571.6	-162.1	209.5	551.9	-342.4	209.5	836.4	-626.9																																																																																																																
(9) GUYULATI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.2	-4.2	0.0	6.1	-6.1	(10) NEUPEN	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	4.0	-4.0	0.0	5.7	-5.7	0.0	8.3	-8.3	(11) PUKUREJU	0.0	1.3	-1.3	0.0	2.0	-2.0	0.0	2.9	-2.9	0.0	4.1	-4.1	0.0	5.9	-5.9	(12) KLATEN	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	4.1	-4.1	0.0	5.8	-5.8	0.0	8.4	-8.4	(13,14) SUKOHARJO	0.0	2.2	-2.2	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.3	-7.3	0.0	11.4	-11.4	(15) KARANGAYAK	0.0	1.0	-1.0	0.0	1.4	-1.4	0.0	2.1	-2.1	0.0	2.5	-2.5	0.0	4.2	-4.2	(16) PENUGIKI	0.0	1.8	-1.8	0.0	2.6	-2.6	0.0	3.8	-3.8	0.0	5.4	-5.4	0.0	7.7	-7.7	(17) SRAKEN	0.0	1.3	-1.3	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	3.9	-3.9	0.0	5.6	-5.6	(25) BANTUL	0.0	2.1	-2.1	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.4	-6.4	0.0	9.3	-9.3	(26) SLEMAN	0.0	1.2	-1.2	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.5	-3.5	0.0	5.1	-5.1	(27) GUNUNG KIDUL	0.0	1.2	-1.2	0.0	1.8	-1.8	0.0	2.7	-2.7	0.0	3.8	-3.8	0.0	5.4	-5.4	(28) NULEN PRUGU	0.0	0.7	-0.7	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.2	-3.2	C.J. PROJECT AREA	4.9	30.6	-25.7	65.1	44.7	24.4	80.4	66.0	14.4	80.4	94.2	-13.8	80.4	137.0	-56.0	C.J. OTHER AREA	0.0	19.7	-19.7	0.0	28.7	-28.7	0.0	42.6	-42.6	0.0	61.2	-61.2	0.0	89.8	-89.8	CENT JAYA TOTAL	4.9	50.3	-45.4	65.1	73.5	-4.4	80.4	108.5	-28.1	80.4	155.4	-75.0	80.4	226.7	-146.3	(24) PACIJAN	0.0	1.0	-1.0	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	(25) PUNGGU	0.0	1.5	-1.5	0.0	2.1	-2.1	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.1	-7.1	(26) TENGGALEK	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.4	-2.4	0.0	3.5	-3.5	0.0	5.2	-5.2	(27) TULUNGWANGU	0.0	1.5	-1.5	0.0	2.3	-2.3	0.0	3.4	-3.4	0.0	5.0	-5.0	0.0	7.4	-7.4	(28) KADIKI	0.0	2.7	-2.7	0.0	3.9	-3.9	0.0	6.1	-6.1	0.0	9.2	-9.2	0.0	14.2	-14.2	(29) BLITAR	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.5	-4.5	0.0	6.6	-6.6	0.0	9.8	-9.8	(30) NGAWI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.5	-6.5	(31) MAGELAN	0.0	1.1	-1.1	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.8	-3.8	0.0	5.7	-5.7	(32) MADURAN	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.5	-3.5	0.0	5.4	-5.4	0.0	8.4	-8.4	(33) NGANJUN	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	0.0	7.1	-7.1	(36) MALANG	0.0	4.7	-4.7	0.0	6.9	-6.9	0.0	10.7	-10.7	0.0	16.3	-16.3	0.0	25.4	-25.4	E.J. PROJECT AREA	0.0	20.1	-20.1	0.0	29.5	-29.5	0.0	44.9	-44.9	0.0	66.9	-66.9	0.0	101.7	-101.7	E.J. OTHER AREA	11.6	35.4	-23.8	24.8	49.2	-24.4	47.3	75.6	-28.3	47.3	114.0	-66.7	47.3	175.9	-120.6	EAST JAYA TOTAL	11.6	55.6	-44.0	24.8	78.6	-53.8	47.3	120.5	-73.2	47.3	180.9	-133.6	47.3	277.6	-230.3	EAST JAYA TOTAL	15.6	60.7	-45.1	70.5	93.0	-22.5	81.8	142.6	-60.8	81.8	215.5	-133.7	81.8	332.0	-250.2	JAVA TOTAL	32.1	106.5	-133.4	106.4	245.1	-80.7	209.5	571.6	-162.1	209.5	551.9	-342.4	209.5	836.4	-626.9																																																																																																																																
(10) NEUPEN	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	4.0	-4.0	0.0	5.7	-5.7	0.0	8.3	-8.3	(11) PUKUREJU	0.0	1.3	-1.3	0.0	2.0	-2.0	0.0	2.9	-2.9	0.0	4.1	-4.1	0.0	5.9	-5.9	(12) KLATEN	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	4.1	-4.1	0.0	5.8	-5.8	0.0	8.4	-8.4	(13,14) SUKOHARJO	0.0	2.2	-2.2	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.3	-7.3	0.0	11.4	-11.4	(15) KARANGAYAK	0.0	1.0	-1.0	0.0	1.4	-1.4	0.0	2.1	-2.1	0.0	2.5	-2.5	0.0	4.2	-4.2	(16) PENUGIKI	0.0	1.8	-1.8	0.0	2.6	-2.6	0.0	3.8	-3.8	0.0	5.4	-5.4	0.0	7.7	-7.7	(17) SRAKEN	0.0	1.3	-1.3	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	3.9	-3.9	0.0	5.6	-5.6	(25) BANTUL	0.0	2.1	-2.1	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.4	-6.4	0.0	9.3	-9.3	(26) SLEMAN	0.0	1.2	-1.2	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.5	-3.5	0.0	5.1	-5.1	(27) GUNUNG KIDUL	0.0	1.2	-1.2	0.0	1.8	-1.8	0.0	2.7	-2.7	0.0	3.8	-3.8	0.0	5.4	-5.4	(28) NULEN PRUGU	0.0	0.7	-0.7	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.2	-3.2	C.J. PROJECT AREA	4.9	30.6	-25.7	65.1	44.7	24.4	80.4	66.0	14.4	80.4	94.2	-13.8	80.4	137.0	-56.0	C.J. OTHER AREA	0.0	19.7	-19.7	0.0	28.7	-28.7	0.0	42.6	-42.6	0.0	61.2	-61.2	0.0	89.8	-89.8	CENT JAYA TOTAL	4.9	50.3	-45.4	65.1	73.5	-4.4	80.4	108.5	-28.1	80.4	155.4	-75.0	80.4	226.7	-146.3	(24) PACIJAN	0.0	1.0	-1.0	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	(25) PUNGGU	0.0	1.5	-1.5	0.0	2.1	-2.1	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.1	-7.1	(26) TENGGALEK	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.4	-2.4	0.0	3.5	-3.5	0.0	5.2	-5.2	(27) TULUNGWANGU	0.0	1.5	-1.5	0.0	2.3	-2.3	0.0	3.4	-3.4	0.0	5.0	-5.0	0.0	7.4	-7.4	(28) KADIKI	0.0	2.7	-2.7	0.0	3.9	-3.9	0.0	6.1	-6.1	0.0	9.2	-9.2	0.0	14.2	-14.2	(29) BLITAR	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.5	-4.5	0.0	6.6	-6.6	0.0	9.8	-9.8	(30) NGAWI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.5	-6.5	(31) MAGELAN	0.0	1.1	-1.1	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.8	-3.8	0.0	5.7	-5.7	(32) MADURAN	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.5	-3.5	0.0	5.4	-5.4	0.0	8.4	-8.4	(33) NGANJUN	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	0.0	7.1	-7.1	(36) MALANG	0.0	4.7	-4.7	0.0	6.9	-6.9	0.0	10.7	-10.7	0.0	16.3	-16.3	0.0	25.4	-25.4	E.J. PROJECT AREA	0.0	20.1	-20.1	0.0	29.5	-29.5	0.0	44.9	-44.9	0.0	66.9	-66.9	0.0	101.7	-101.7	E.J. OTHER AREA	11.6	35.4	-23.8	24.8	49.2	-24.4	47.3	75.6	-28.3	47.3	114.0	-66.7	47.3	175.9	-120.6	EAST JAYA TOTAL	11.6	55.6	-44.0	24.8	78.6	-53.8	47.3	120.5	-73.2	47.3	180.9	-133.6	47.3	277.6	-230.3	EAST JAYA TOTAL	15.6	60.7	-45.1	70.5	93.0	-22.5	81.8	142.6	-60.8	81.8	215.5	-133.7	81.8	332.0	-250.2	JAVA TOTAL	32.1	106.5	-133.4	106.4	245.1	-80.7	209.5	571.6	-162.1	209.5	551.9	-342.4	209.5	836.4	-626.9																																																																																																																																																
(11) PUKUREJU	0.0	1.3	-1.3	0.0	2.0	-2.0	0.0	2.9	-2.9	0.0	4.1	-4.1	0.0	5.9	-5.9	(12) KLATEN	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	4.1	-4.1	0.0	5.8	-5.8	0.0	8.4	-8.4	(13,14) SUKOHARJO	0.0	2.2	-2.2	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.3	-7.3	0.0	11.4	-11.4	(15) KARANGAYAK	0.0	1.0	-1.0	0.0	1.4	-1.4	0.0	2.1	-2.1	0.0	2.5	-2.5	0.0	4.2	-4.2	(16) PENUGIKI	0.0	1.8	-1.8	0.0	2.6	-2.6	0.0	3.8	-3.8	0.0	5.4	-5.4	0.0	7.7	-7.7	(17) SRAKEN	0.0	1.3	-1.3	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	3.9	-3.9	0.0	5.6	-5.6	(25) BANTUL	0.0	2.1	-2.1	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.4	-6.4	0.0	9.3	-9.3	(26) SLEMAN	0.0	1.2	-1.2	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.5	-3.5	0.0	5.1	-5.1	(27) GUNUNG KIDUL	0.0	1.2	-1.2	0.0	1.8	-1.8	0.0	2.7	-2.7	0.0	3.8	-3.8	0.0	5.4	-5.4	(28) NULEN PRUGU	0.0	0.7	-0.7	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.2	-3.2	C.J. PROJECT AREA	4.9	30.6	-25.7	65.1	44.7	24.4	80.4	66.0	14.4	80.4	94.2	-13.8	80.4	137.0	-56.0	C.J. OTHER AREA	0.0	19.7	-19.7	0.0	28.7	-28.7	0.0	42.6	-42.6	0.0	61.2	-61.2	0.0	89.8	-89.8	CENT JAYA TOTAL	4.9	50.3	-45.4	65.1	73.5	-4.4	80.4	108.5	-28.1	80.4	155.4	-75.0	80.4	226.7	-146.3	(24) PACIJAN	0.0	1.0	-1.0	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	(25) PUNGGU	0.0	1.5	-1.5	0.0	2.1	-2.1	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.1	-7.1	(26) TENGGALEK	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.4	-2.4	0.0	3.5	-3.5	0.0	5.2	-5.2	(27) TULUNGWANGU	0.0	1.5	-1.5	0.0	2.3	-2.3	0.0	3.4	-3.4	0.0	5.0	-5.0	0.0	7.4	-7.4	(28) KADIKI	0.0	2.7	-2.7	0.0	3.9	-3.9	0.0	6.1	-6.1	0.0	9.2	-9.2	0.0	14.2	-14.2	(29) BLITAR	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.5	-4.5	0.0	6.6	-6.6	0.0	9.8	-9.8	(30) NGAWI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.5	-6.5	(31) MAGELAN	0.0	1.1	-1.1	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.8	-3.8	0.0	5.7	-5.7	(32) MADURAN	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.5	-3.5	0.0	5.4	-5.4	0.0	8.4	-8.4	(33) NGANJUN	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	0.0	7.1	-7.1	(36) MALANG	0.0	4.7	-4.7	0.0	6.9	-6.9	0.0	10.7	-10.7	0.0	16.3	-16.3	0.0	25.4	-25.4	E.J. PROJECT AREA	0.0	20.1	-20.1	0.0	29.5	-29.5	0.0	44.9	-44.9	0.0	66.9	-66.9	0.0	101.7	-101.7	E.J. OTHER AREA	11.6	35.4	-23.8	24.8	49.2	-24.4	47.3	75.6	-28.3	47.3	114.0	-66.7	47.3	175.9	-120.6	EAST JAYA TOTAL	11.6	55.6	-44.0	24.8	78.6	-53.8	47.3	120.5	-73.2	47.3	180.9	-133.6	47.3	277.6	-230.3	EAST JAYA TOTAL	15.6	60.7	-45.1	70.5	93.0	-22.5	81.8	142.6	-60.8	81.8	215.5	-133.7	81.8	332.0	-250.2	JAVA TOTAL	32.1	106.5	-133.4	106.4	245.1	-80.7	209.5	571.6	-162.1	209.5	551.9	-342.4	209.5	836.4	-626.9																																																																																																																																																																
(12) KLATEN	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	4.1	-4.1	0.0	5.8	-5.8	0.0	8.4	-8.4	(13,14) SUKOHARJO	0.0	2.2	-2.2	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.3	-7.3	0.0	11.4	-11.4	(15) KARANGAYAK	0.0	1.0	-1.0	0.0	1.4	-1.4	0.0	2.1	-2.1	0.0	2.5	-2.5	0.0	4.2	-4.2	(16) PENUGIKI	0.0	1.8	-1.8	0.0	2.6	-2.6	0.0	3.8	-3.8	0.0	5.4	-5.4	0.0	7.7	-7.7	(17) SRAKEN	0.0	1.3	-1.3	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	3.9	-3.9	0.0	5.6	-5.6	(25) BANTUL	0.0	2.1	-2.1	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.4	-6.4	0.0	9.3	-9.3	(26) SLEMAN	0.0	1.2	-1.2	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.5	-3.5	0.0	5.1	-5.1	(27) GUNUNG KIDUL	0.0	1.2	-1.2	0.0	1.8	-1.8	0.0	2.7	-2.7	0.0	3.8	-3.8	0.0	5.4	-5.4	(28) NULEN PRUGU	0.0	0.7	-0.7	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.2	-3.2	C.J. PROJECT AREA	4.9	30.6	-25.7	65.1	44.7	24.4	80.4	66.0	14.4	80.4	94.2	-13.8	80.4	137.0	-56.0	C.J. OTHER AREA	0.0	19.7	-19.7	0.0	28.7	-28.7	0.0	42.6	-42.6	0.0	61.2	-61.2	0.0	89.8	-89.8	CENT JAYA TOTAL	4.9	50.3	-45.4	65.1	73.5	-4.4	80.4	108.5	-28.1	80.4	155.4	-75.0	80.4	226.7	-146.3	(24) PACIJAN	0.0	1.0	-1.0	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	(25) PUNGGU	0.0	1.5	-1.5	0.0	2.1	-2.1	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.1	-7.1	(26) TENGGALEK	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.4	-2.4	0.0	3.5	-3.5	0.0	5.2	-5.2	(27) TULUNGWANGU	0.0	1.5	-1.5	0.0	2.3	-2.3	0.0	3.4	-3.4	0.0	5.0	-5.0	0.0	7.4	-7.4	(28) KADIKI	0.0	2.7	-2.7	0.0	3.9	-3.9	0.0	6.1	-6.1	0.0	9.2	-9.2	0.0	14.2	-14.2	(29) BLITAR	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.5	-4.5	0.0	6.6	-6.6	0.0	9.8	-9.8	(30) NGAWI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.5	-6.5	(31) MAGELAN	0.0	1.1	-1.1	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.8	-3.8	0.0	5.7	-5.7	(32) MADURAN	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.5	-3.5	0.0	5.4	-5.4	0.0	8.4	-8.4	(33) NGANJUN	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	0.0	7.1	-7.1	(36) MALANG	0.0	4.7	-4.7	0.0	6.9	-6.9	0.0	10.7	-10.7	0.0	16.3	-16.3	0.0	25.4	-25.4	E.J. PROJECT AREA	0.0	20.1	-20.1	0.0	29.5	-29.5	0.0	44.9	-44.9	0.0	66.9	-66.9	0.0	101.7	-101.7	E.J. OTHER AREA	11.6	35.4	-23.8	24.8	49.2	-24.4	47.3	75.6	-28.3	47.3	114.0	-66.7	47.3	175.9	-120.6	EAST JAYA TOTAL	11.6	55.6	-44.0	24.8	78.6	-53.8	47.3	120.5	-73.2	47.3	180.9	-133.6	47.3	277.6	-230.3	EAST JAYA TOTAL	15.6	60.7	-45.1	70.5	93.0	-22.5	81.8	142.6	-60.8	81.8	215.5	-133.7	81.8	332.0	-250.2	JAVA TOTAL	32.1	106.5	-133.4	106.4	245.1	-80.7	209.5	571.6	-162.1	209.5	551.9	-342.4	209.5	836.4	-626.9																																																																																																																																																																																
(13,14) SUKOHARJO	0.0	2.2	-2.2	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.3	-7.3	0.0	11.4	-11.4	(15) KARANGAYAK	0.0	1.0	-1.0	0.0	1.4	-1.4	0.0	2.1	-2.1	0.0	2.5	-2.5	0.0	4.2	-4.2	(16) PENUGIKI	0.0	1.8	-1.8	0.0	2.6	-2.6	0.0	3.8	-3.8	0.0	5.4	-5.4	0.0	7.7	-7.7	(17) SRAKEN	0.0	1.3	-1.3	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	3.9	-3.9	0.0	5.6	-5.6	(25) BANTUL	0.0	2.1	-2.1	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.4	-6.4	0.0	9.3	-9.3	(26) SLEMAN	0.0	1.2	-1.2	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.5	-3.5	0.0	5.1	-5.1	(27) GUNUNG KIDUL	0.0	1.2	-1.2	0.0	1.8	-1.8	0.0	2.7	-2.7	0.0	3.8	-3.8	0.0	5.4	-5.4	(28) NULEN PRUGU	0.0	0.7	-0.7	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.2	-3.2	C.J. PROJECT AREA	4.9	30.6	-25.7	65.1	44.7	24.4	80.4	66.0	14.4	80.4	94.2	-13.8	80.4	137.0	-56.0	C.J. OTHER AREA	0.0	19.7	-19.7	0.0	28.7	-28.7	0.0	42.6	-42.6	0.0	61.2	-61.2	0.0	89.8	-89.8	CENT JAYA TOTAL	4.9	50.3	-45.4	65.1	73.5	-4.4	80.4	108.5	-28.1	80.4	155.4	-75.0	80.4	226.7	-146.3	(24) PACIJAN	0.0	1.0	-1.0	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	(25) PUNGGU	0.0	1.5	-1.5	0.0	2.1	-2.1	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.1	-7.1	(26) TENGGALEK	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.4	-2.4	0.0	3.5	-3.5	0.0	5.2	-5.2	(27) TULUNGWANGU	0.0	1.5	-1.5	0.0	2.3	-2.3	0.0	3.4	-3.4	0.0	5.0	-5.0	0.0	7.4	-7.4	(28) KADIKI	0.0	2.7	-2.7	0.0	3.9	-3.9	0.0	6.1	-6.1	0.0	9.2	-9.2	0.0	14.2	-14.2	(29) BLITAR	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.5	-4.5	0.0	6.6	-6.6	0.0	9.8	-9.8	(30) NGAWI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.5	-6.5	(31) MAGELAN	0.0	1.1	-1.1	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.8	-3.8	0.0	5.7	-5.7	(32) MADURAN	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.5	-3.5	0.0	5.4	-5.4	0.0	8.4	-8.4	(33) NGANJUN	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	0.0	7.1	-7.1	(36) MALANG	0.0	4.7	-4.7	0.0	6.9	-6.9	0.0	10.7	-10.7	0.0	16.3	-16.3	0.0	25.4	-25.4	E.J. PROJECT AREA	0.0	20.1	-20.1	0.0	29.5	-29.5	0.0	44.9	-44.9	0.0	66.9	-66.9	0.0	101.7	-101.7	E.J. OTHER AREA	11.6	35.4	-23.8	24.8	49.2	-24.4	47.3	75.6	-28.3	47.3	114.0	-66.7	47.3	175.9	-120.6	EAST JAYA TOTAL	11.6	55.6	-44.0	24.8	78.6	-53.8	47.3	120.5	-73.2	47.3	180.9	-133.6	47.3	277.6	-230.3	EAST JAYA TOTAL	15.6	60.7	-45.1	70.5	93.0	-22.5	81.8	142.6	-60.8	81.8	215.5	-133.7	81.8	332.0	-250.2	JAVA TOTAL	32.1	106.5	-133.4	106.4	245.1	-80.7	209.5	571.6	-162.1	209.5	551.9	-342.4	209.5	836.4	-626.9																																																																																																																																																																																																
(15) KARANGAYAK	0.0	1.0	-1.0	0.0	1.4	-1.4	0.0	2.1	-2.1	0.0	2.5	-2.5	0.0	4.2	-4.2	(16) PENUGIKI	0.0	1.8	-1.8	0.0	2.6	-2.6	0.0	3.8	-3.8	0.0	5.4	-5.4	0.0	7.7	-7.7	(17) SRAKEN	0.0	1.3	-1.3	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	3.9	-3.9	0.0	5.6	-5.6	(25) BANTUL	0.0	2.1	-2.1	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.4	-6.4	0.0	9.3	-9.3	(26) SLEMAN	0.0	1.2	-1.2	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.5	-3.5	0.0	5.1	-5.1	(27) GUNUNG KIDUL	0.0	1.2	-1.2	0.0	1.8	-1.8	0.0	2.7	-2.7	0.0	3.8	-3.8	0.0	5.4	-5.4	(28) NULEN PRUGU	0.0	0.7	-0.7	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.2	-3.2	C.J. PROJECT AREA	4.9	30.6	-25.7	65.1	44.7	24.4	80.4	66.0	14.4	80.4	94.2	-13.8	80.4	137.0	-56.0	C.J. OTHER AREA	0.0	19.7	-19.7	0.0	28.7	-28.7	0.0	42.6	-42.6	0.0	61.2	-61.2	0.0	89.8	-89.8	CENT JAYA TOTAL	4.9	50.3	-45.4	65.1	73.5	-4.4	80.4	108.5	-28.1	80.4	155.4	-75.0	80.4	226.7	-146.3	(24) PACIJAN	0.0	1.0	-1.0	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	(25) PUNGGU	0.0	1.5	-1.5	0.0	2.1	-2.1	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.1	-7.1	(26) TENGGALEK	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.4	-2.4	0.0	3.5	-3.5	0.0	5.2	-5.2	(27) TULUNGWANGU	0.0	1.5	-1.5	0.0	2.3	-2.3	0.0	3.4	-3.4	0.0	5.0	-5.0	0.0	7.4	-7.4	(28) KADIKI	0.0	2.7	-2.7	0.0	3.9	-3.9	0.0	6.1	-6.1	0.0	9.2	-9.2	0.0	14.2	-14.2	(29) BLITAR	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.5	-4.5	0.0	6.6	-6.6	0.0	9.8	-9.8	(30) NGAWI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.5	-6.5	(31) MAGELAN	0.0	1.1	-1.1	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.8	-3.8	0.0	5.7	-5.7	(32) MADURAN	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.5	-3.5	0.0	5.4	-5.4	0.0	8.4	-8.4	(33) NGANJUN	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	0.0	7.1	-7.1	(36) MALANG	0.0	4.7	-4.7	0.0	6.9	-6.9	0.0	10.7	-10.7	0.0	16.3	-16.3	0.0	25.4	-25.4	E.J. PROJECT AREA	0.0	20.1	-20.1	0.0	29.5	-29.5	0.0	44.9	-44.9	0.0	66.9	-66.9	0.0	101.7	-101.7	E.J. OTHER AREA	11.6	35.4	-23.8	24.8	49.2	-24.4	47.3	75.6	-28.3	47.3	114.0	-66.7	47.3	175.9	-120.6	EAST JAYA TOTAL	11.6	55.6	-44.0	24.8	78.6	-53.8	47.3	120.5	-73.2	47.3	180.9	-133.6	47.3	277.6	-230.3	EAST JAYA TOTAL	15.6	60.7	-45.1	70.5	93.0	-22.5	81.8	142.6	-60.8	81.8	215.5	-133.7	81.8	332.0	-250.2	JAVA TOTAL	32.1	106.5	-133.4	106.4	245.1	-80.7	209.5	571.6	-162.1	209.5	551.9	-342.4	209.5	836.4	-626.9																																																																																																																																																																																																																
(16) PENUGIKI	0.0	1.8	-1.8	0.0	2.6	-2.6	0.0	3.8	-3.8	0.0	5.4	-5.4	0.0	7.7	-7.7	(17) SRAKEN	0.0	1.3	-1.3	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	3.9	-3.9	0.0	5.6	-5.6	(25) BANTUL	0.0	2.1	-2.1	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.4	-6.4	0.0	9.3	-9.3	(26) SLEMAN	0.0	1.2	-1.2	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.5	-3.5	0.0	5.1	-5.1	(27) GUNUNG KIDUL	0.0	1.2	-1.2	0.0	1.8	-1.8	0.0	2.7	-2.7	0.0	3.8	-3.8	0.0	5.4	-5.4	(28) NULEN PRUGU	0.0	0.7	-0.7	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.2	-3.2	C.J. PROJECT AREA	4.9	30.6	-25.7	65.1	44.7	24.4	80.4	66.0	14.4	80.4	94.2	-13.8	80.4	137.0	-56.0	C.J. OTHER AREA	0.0	19.7	-19.7	0.0	28.7	-28.7	0.0	42.6	-42.6	0.0	61.2	-61.2	0.0	89.8	-89.8	CENT JAYA TOTAL	4.9	50.3	-45.4	65.1	73.5	-4.4	80.4	108.5	-28.1	80.4	155.4	-75.0	80.4	226.7	-146.3	(24) PACIJAN	0.0	1.0	-1.0	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	(25) PUNGGU	0.0	1.5	-1.5	0.0	2.1	-2.1	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.1	-7.1	(26) TENGGALEK	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.4	-2.4	0.0	3.5	-3.5	0.0	5.2	-5.2	(27) TULUNGWANGU	0.0	1.5	-1.5	0.0	2.3	-2.3	0.0	3.4	-3.4	0.0	5.0	-5.0	0.0	7.4	-7.4	(28) KADIKI	0.0	2.7	-2.7	0.0	3.9	-3.9	0.0	6.1	-6.1	0.0	9.2	-9.2	0.0	14.2	-14.2	(29) BLITAR	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.5	-4.5	0.0	6.6	-6.6	0.0	9.8	-9.8	(30) NGAWI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.5	-6.5	(31) MAGELAN	0.0	1.1	-1.1	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.8	-3.8	0.0	5.7	-5.7	(32) MADURAN	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.5	-3.5	0.0	5.4	-5.4	0.0	8.4	-8.4	(33) NGANJUN	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	0.0	7.1	-7.1	(36) MALANG	0.0	4.7	-4.7	0.0	6.9	-6.9	0.0	10.7	-10.7	0.0	16.3	-16.3	0.0	25.4	-25.4	E.J. PROJECT AREA	0.0	20.1	-20.1	0.0	29.5	-29.5	0.0	44.9	-44.9	0.0	66.9	-66.9	0.0	101.7	-101.7	E.J. OTHER AREA	11.6	35.4	-23.8	24.8	49.2	-24.4	47.3	75.6	-28.3	47.3	114.0	-66.7	47.3	175.9	-120.6	EAST JAYA TOTAL	11.6	55.6	-44.0	24.8	78.6	-53.8	47.3	120.5	-73.2	47.3	180.9	-133.6	47.3	277.6	-230.3	EAST JAYA TOTAL	15.6	60.7	-45.1	70.5	93.0	-22.5	81.8	142.6	-60.8	81.8	215.5	-133.7	81.8	332.0	-250.2	JAVA TOTAL	32.1	106.5	-133.4	106.4	245.1	-80.7	209.5	571.6	-162.1	209.5	551.9	-342.4	209.5	836.4	-626.9																																																																																																																																																																																																																																
(17) SRAKEN	0.0	1.3	-1.3	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	3.9	-3.9	0.0	5.6	-5.6	(25) BANTUL	0.0	2.1	-2.1	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.4	-6.4	0.0	9.3	-9.3	(26) SLEMAN	0.0	1.2	-1.2	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.5	-3.5	0.0	5.1	-5.1	(27) GUNUNG KIDUL	0.0	1.2	-1.2	0.0	1.8	-1.8	0.0	2.7	-2.7	0.0	3.8	-3.8	0.0	5.4	-5.4	(28) NULEN PRUGU	0.0	0.7	-0.7	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.2	-3.2	C.J. PROJECT AREA	4.9	30.6	-25.7	65.1	44.7	24.4	80.4	66.0	14.4	80.4	94.2	-13.8	80.4	137.0	-56.0	C.J. OTHER AREA	0.0	19.7	-19.7	0.0	28.7	-28.7	0.0	42.6	-42.6	0.0	61.2	-61.2	0.0	89.8	-89.8	CENT JAYA TOTAL	4.9	50.3	-45.4	65.1	73.5	-4.4	80.4	108.5	-28.1	80.4	155.4	-75.0	80.4	226.7	-146.3	(24) PACIJAN	0.0	1.0	-1.0	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	(25) PUNGGU	0.0	1.5	-1.5	0.0	2.1	-2.1	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.1	-7.1	(26) TENGGALEK	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.4	-2.4	0.0	3.5	-3.5	0.0	5.2	-5.2	(27) TULUNGWANGU	0.0	1.5	-1.5	0.0	2.3	-2.3	0.0	3.4	-3.4	0.0	5.0	-5.0	0.0	7.4	-7.4	(28) KADIKI	0.0	2.7	-2.7	0.0	3.9	-3.9	0.0	6.1	-6.1	0.0	9.2	-9.2	0.0	14.2	-14.2	(29) BLITAR	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.5	-4.5	0.0	6.6	-6.6	0.0	9.8	-9.8	(30) NGAWI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.5	-6.5	(31) MAGELAN	0.0	1.1	-1.1	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.8	-3.8	0.0	5.7	-5.7	(32) MADURAN	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.5	-3.5	0.0	5.4	-5.4	0.0	8.4	-8.4	(33) NGANJUN	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	0.0	7.1	-7.1	(36) MALANG	0.0	4.7	-4.7	0.0	6.9	-6.9	0.0	10.7	-10.7	0.0	16.3	-16.3	0.0	25.4	-25.4	E.J. PROJECT AREA	0.0	20.1	-20.1	0.0	29.5	-29.5	0.0	44.9	-44.9	0.0	66.9	-66.9	0.0	101.7	-101.7	E.J. OTHER AREA	11.6	35.4	-23.8	24.8	49.2	-24.4	47.3	75.6	-28.3	47.3	114.0	-66.7	47.3	175.9	-120.6	EAST JAYA TOTAL	11.6	55.6	-44.0	24.8	78.6	-53.8	47.3	120.5	-73.2	47.3	180.9	-133.6	47.3	277.6	-230.3	EAST JAYA TOTAL	15.6	60.7	-45.1	70.5	93.0	-22.5	81.8	142.6	-60.8	81.8	215.5	-133.7	81.8	332.0	-250.2	JAVA TOTAL	32.1	106.5	-133.4	106.4	245.1	-80.7	209.5	571.6	-162.1	209.5	551.9	-342.4	209.5	836.4	-626.9																																																																																																																																																																																																																																																
(25) BANTUL	0.0	2.1	-2.1	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.4	-6.4	0.0	9.3	-9.3	(26) SLEMAN	0.0	1.2	-1.2	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.5	-3.5	0.0	5.1	-5.1	(27) GUNUNG KIDUL	0.0	1.2	-1.2	0.0	1.8	-1.8	0.0	2.7	-2.7	0.0	3.8	-3.8	0.0	5.4	-5.4	(28) NULEN PRUGU	0.0	0.7	-0.7	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.2	-3.2	C.J. PROJECT AREA	4.9	30.6	-25.7	65.1	44.7	24.4	80.4	66.0	14.4	80.4	94.2	-13.8	80.4	137.0	-56.0	C.J. OTHER AREA	0.0	19.7	-19.7	0.0	28.7	-28.7	0.0	42.6	-42.6	0.0	61.2	-61.2	0.0	89.8	-89.8	CENT JAYA TOTAL	4.9	50.3	-45.4	65.1	73.5	-4.4	80.4	108.5	-28.1	80.4	155.4	-75.0	80.4	226.7	-146.3	(24) PACIJAN	0.0	1.0	-1.0	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	(25) PUNGGU	0.0	1.5	-1.5	0.0	2.1	-2.1	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.1	-7.1	(26) TENGGALEK	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.4	-2.4	0.0	3.5	-3.5	0.0	5.2	-5.2	(27) TULUNGWANGU	0.0	1.5	-1.5	0.0	2.3	-2.3	0.0	3.4	-3.4	0.0	5.0	-5.0	0.0	7.4	-7.4	(28) KADIKI	0.0	2.7	-2.7	0.0	3.9	-3.9	0.0	6.1	-6.1	0.0	9.2	-9.2	0.0	14.2	-14.2	(29) BLITAR	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.5	-4.5	0.0	6.6	-6.6	0.0	9.8	-9.8	(30) NGAWI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.5	-6.5	(31) MAGELAN	0.0	1.1	-1.1	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.8	-3.8	0.0	5.7	-5.7	(32) MADURAN	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.5	-3.5	0.0	5.4	-5.4	0.0	8.4	-8.4	(33) NGANJUN	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	0.0	7.1	-7.1	(36) MALANG	0.0	4.7	-4.7	0.0	6.9	-6.9	0.0	10.7	-10.7	0.0	16.3	-16.3	0.0	25.4	-25.4	E.J. PROJECT AREA	0.0	20.1	-20.1	0.0	29.5	-29.5	0.0	44.9	-44.9	0.0	66.9	-66.9	0.0	101.7	-101.7	E.J. OTHER AREA	11.6	35.4	-23.8	24.8	49.2	-24.4	47.3	75.6	-28.3	47.3	114.0	-66.7	47.3	175.9	-120.6	EAST JAYA TOTAL	11.6	55.6	-44.0	24.8	78.6	-53.8	47.3	120.5	-73.2	47.3	180.9	-133.6	47.3	277.6	-230.3	EAST JAYA TOTAL	15.6	60.7	-45.1	70.5	93.0	-22.5	81.8	142.6	-60.8	81.8	215.5	-133.7	81.8	332.0	-250.2	JAVA TOTAL	32.1	106.5	-133.4	106.4	245.1	-80.7	209.5	571.6	-162.1	209.5	551.9	-342.4	209.5	836.4	-626.9																																																																																																																																																																																																																																																																
(26) SLEMAN	0.0	1.2	-1.2	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.5	-3.5	0.0	5.1	-5.1	(27) GUNUNG KIDUL	0.0	1.2	-1.2	0.0	1.8	-1.8	0.0	2.7	-2.7	0.0	3.8	-3.8	0.0	5.4	-5.4	(28) NULEN PRUGU	0.0	0.7	-0.7	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.2	-3.2	C.J. PROJECT AREA	4.9	30.6	-25.7	65.1	44.7	24.4	80.4	66.0	14.4	80.4	94.2	-13.8	80.4	137.0	-56.0	C.J. OTHER AREA	0.0	19.7	-19.7	0.0	28.7	-28.7	0.0	42.6	-42.6	0.0	61.2	-61.2	0.0	89.8	-89.8	CENT JAYA TOTAL	4.9	50.3	-45.4	65.1	73.5	-4.4	80.4	108.5	-28.1	80.4	155.4	-75.0	80.4	226.7	-146.3	(24) PACIJAN	0.0	1.0	-1.0	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	(25) PUNGGU	0.0	1.5	-1.5	0.0	2.1	-2.1	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.1	-7.1	(26) TENGGALEK	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.4	-2.4	0.0	3.5	-3.5	0.0	5.2	-5.2	(27) TULUNGWANGU	0.0	1.5	-1.5	0.0	2.3	-2.3	0.0	3.4	-3.4	0.0	5.0	-5.0	0.0	7.4	-7.4	(28) KADIKI	0.0	2.7	-2.7	0.0	3.9	-3.9	0.0	6.1	-6.1	0.0	9.2	-9.2	0.0	14.2	-14.2	(29) BLITAR	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.5	-4.5	0.0	6.6	-6.6	0.0	9.8	-9.8	(30) NGAWI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.5	-6.5	(31) MAGELAN	0.0	1.1	-1.1	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.8	-3.8	0.0	5.7	-5.7	(32) MADURAN	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.5	-3.5	0.0	5.4	-5.4	0.0	8.4	-8.4	(33) NGANJUN	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	0.0	7.1	-7.1	(36) MALANG	0.0	4.7	-4.7	0.0	6.9	-6.9	0.0	10.7	-10.7	0.0	16.3	-16.3	0.0	25.4	-25.4	E.J. PROJECT AREA	0.0	20.1	-20.1	0.0	29.5	-29.5	0.0	44.9	-44.9	0.0	66.9	-66.9	0.0	101.7	-101.7	E.J. OTHER AREA	11.6	35.4	-23.8	24.8	49.2	-24.4	47.3	75.6	-28.3	47.3	114.0	-66.7	47.3	175.9	-120.6	EAST JAYA TOTAL	11.6	55.6	-44.0	24.8	78.6	-53.8	47.3	120.5	-73.2	47.3	180.9	-133.6	47.3	277.6	-230.3	EAST JAYA TOTAL	15.6	60.7	-45.1	70.5	93.0	-22.5	81.8	142.6	-60.8	81.8	215.5	-133.7	81.8	332.0	-250.2	JAVA TOTAL	32.1	106.5	-133.4	106.4	245.1	-80.7	209.5	571.6	-162.1	209.5	551.9	-342.4	209.5	836.4	-626.9																																																																																																																																																																																																																																																																																
(27) GUNUNG KIDUL	0.0	1.2	-1.2	0.0	1.8	-1.8	0.0	2.7	-2.7	0.0	3.8	-3.8	0.0	5.4	-5.4	(28) NULEN PRUGU	0.0	0.7	-0.7	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.2	-3.2	C.J. PROJECT AREA	4.9	30.6	-25.7	65.1	44.7	24.4	80.4	66.0	14.4	80.4	94.2	-13.8	80.4	137.0	-56.0	C.J. OTHER AREA	0.0	19.7	-19.7	0.0	28.7	-28.7	0.0	42.6	-42.6	0.0	61.2	-61.2	0.0	89.8	-89.8	CENT JAYA TOTAL	4.9	50.3	-45.4	65.1	73.5	-4.4	80.4	108.5	-28.1	80.4	155.4	-75.0	80.4	226.7	-146.3	(24) PACIJAN	0.0	1.0	-1.0	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	(25) PUNGGU	0.0	1.5	-1.5	0.0	2.1	-2.1	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.1	-7.1	(26) TENGGALEK	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.4	-2.4	0.0	3.5	-3.5	0.0	5.2	-5.2	(27) TULUNGWANGU	0.0	1.5	-1.5	0.0	2.3	-2.3	0.0	3.4	-3.4	0.0	5.0	-5.0	0.0	7.4	-7.4	(28) KADIKI	0.0	2.7	-2.7	0.0	3.9	-3.9	0.0	6.1	-6.1	0.0	9.2	-9.2	0.0	14.2	-14.2	(29) BLITAR	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.5	-4.5	0.0	6.6	-6.6	0.0	9.8	-9.8	(30) NGAWI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.5	-6.5	(31) MAGELAN	0.0	1.1	-1.1	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.8	-3.8	0.0	5.7	-5.7	(32) MADURAN	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.5	-3.5	0.0	5.4	-5.4	0.0	8.4	-8.4	(33) NGANJUN	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	0.0	7.1	-7.1	(36) MALANG	0.0	4.7	-4.7	0.0	6.9	-6.9	0.0	10.7	-10.7	0.0	16.3	-16.3	0.0	25.4	-25.4	E.J. PROJECT AREA	0.0	20.1	-20.1	0.0	29.5	-29.5	0.0	44.9	-44.9	0.0	66.9	-66.9	0.0	101.7	-101.7	E.J. OTHER AREA	11.6	35.4	-23.8	24.8	49.2	-24.4	47.3	75.6	-28.3	47.3	114.0	-66.7	47.3	175.9	-120.6	EAST JAYA TOTAL	11.6	55.6	-44.0	24.8	78.6	-53.8	47.3	120.5	-73.2	47.3	180.9	-133.6	47.3	277.6	-230.3	EAST JAYA TOTAL	15.6	60.7	-45.1	70.5	93.0	-22.5	81.8	142.6	-60.8	81.8	215.5	-133.7	81.8	332.0	-250.2	JAVA TOTAL	32.1	106.5	-133.4	106.4	245.1	-80.7	209.5	571.6	-162.1	209.5	551.9	-342.4	209.5	836.4	-626.9																																																																																																																																																																																																																																																																																																
(28) NULEN PRUGU	0.0	0.7	-0.7	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.2	-3.2	C.J. PROJECT AREA	4.9	30.6	-25.7	65.1	44.7	24.4	80.4	66.0	14.4	80.4	94.2	-13.8	80.4	137.0	-56.0	C.J. OTHER AREA	0.0	19.7	-19.7	0.0	28.7	-28.7	0.0	42.6	-42.6	0.0	61.2	-61.2	0.0	89.8	-89.8	CENT JAYA TOTAL	4.9	50.3	-45.4	65.1	73.5	-4.4	80.4	108.5	-28.1	80.4	155.4	-75.0	80.4	226.7	-146.3	(24) PACIJAN	0.0	1.0	-1.0	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	(25) PUNGGU	0.0	1.5	-1.5	0.0	2.1	-2.1	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.1	-7.1	(26) TENGGALEK	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.4	-2.4	0.0	3.5	-3.5	0.0	5.2	-5.2	(27) TULUNGWANGU	0.0	1.5	-1.5	0.0	2.3	-2.3	0.0	3.4	-3.4	0.0	5.0	-5.0	0.0	7.4	-7.4	(28) KADIKI	0.0	2.7	-2.7	0.0	3.9	-3.9	0.0	6.1	-6.1	0.0	9.2	-9.2	0.0	14.2	-14.2	(29) BLITAR	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.5	-4.5	0.0	6.6	-6.6	0.0	9.8	-9.8	(30) NGAWI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.5	-6.5	(31) MAGELAN	0.0	1.1	-1.1	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.8	-3.8	0.0	5.7	-5.7	(32) MADURAN	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.5	-3.5	0.0	5.4	-5.4	0.0	8.4	-8.4	(33) NGANJUN	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	0.0	7.1	-7.1	(36) MALANG	0.0	4.7	-4.7	0.0	6.9	-6.9	0.0	10.7	-10.7	0.0	16.3	-16.3	0.0	25.4	-25.4	E.J. PROJECT AREA	0.0	20.1	-20.1	0.0	29.5	-29.5	0.0	44.9	-44.9	0.0	66.9	-66.9	0.0	101.7	-101.7	E.J. OTHER AREA	11.6	35.4	-23.8	24.8	49.2	-24.4	47.3	75.6	-28.3	47.3	114.0	-66.7	47.3	175.9	-120.6	EAST JAYA TOTAL	11.6	55.6	-44.0	24.8	78.6	-53.8	47.3	120.5	-73.2	47.3	180.9	-133.6	47.3	277.6	-230.3	EAST JAYA TOTAL	15.6	60.7	-45.1	70.5	93.0	-22.5	81.8	142.6	-60.8	81.8	215.5	-133.7	81.8	332.0	-250.2	JAVA TOTAL	32.1	106.5	-133.4	106.4	245.1	-80.7	209.5	571.6	-162.1	209.5	551.9	-342.4	209.5	836.4	-626.9																																																																																																																																																																																																																																																																																																																
C.J. PROJECT AREA	4.9	30.6	-25.7	65.1	44.7	24.4	80.4	66.0	14.4	80.4	94.2	-13.8	80.4	137.0	-56.0	C.J. OTHER AREA	0.0	19.7	-19.7	0.0	28.7	-28.7	0.0	42.6	-42.6	0.0	61.2	-61.2	0.0	89.8	-89.8	CENT JAYA TOTAL	4.9	50.3	-45.4	65.1	73.5	-4.4	80.4	108.5	-28.1	80.4	155.4	-75.0	80.4	226.7	-146.3	(24) PACIJAN	0.0	1.0	-1.0	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	(25) PUNGGU	0.0	1.5	-1.5	0.0	2.1	-2.1	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.1	-7.1	(26) TENGGALEK	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.4	-2.4	0.0	3.5	-3.5	0.0	5.2	-5.2	(27) TULUNGWANGU	0.0	1.5	-1.5	0.0	2.3	-2.3	0.0	3.4	-3.4	0.0	5.0	-5.0	0.0	7.4	-7.4	(28) KADIKI	0.0	2.7	-2.7	0.0	3.9	-3.9	0.0	6.1	-6.1	0.0	9.2	-9.2	0.0	14.2	-14.2	(29) BLITAR	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.5	-4.5	0.0	6.6	-6.6	0.0	9.8	-9.8	(30) NGAWI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.5	-6.5	(31) MAGELAN	0.0	1.1	-1.1	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.8	-3.8	0.0	5.7	-5.7	(32) MADURAN	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.5	-3.5	0.0	5.4	-5.4	0.0	8.4	-8.4	(33) NGANJUN	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	0.0	7.1	-7.1	(36) MALANG	0.0	4.7	-4.7	0.0	6.9	-6.9	0.0	10.7	-10.7	0.0	16.3	-16.3	0.0	25.4	-25.4	E.J. PROJECT AREA	0.0	20.1	-20.1	0.0	29.5	-29.5	0.0	44.9	-44.9	0.0	66.9	-66.9	0.0	101.7	-101.7	E.J. OTHER AREA	11.6	35.4	-23.8	24.8	49.2	-24.4	47.3	75.6	-28.3	47.3	114.0	-66.7	47.3	175.9	-120.6	EAST JAYA TOTAL	11.6	55.6	-44.0	24.8	78.6	-53.8	47.3	120.5	-73.2	47.3	180.9	-133.6	47.3	277.6	-230.3	EAST JAYA TOTAL	15.6	60.7	-45.1	70.5	93.0	-22.5	81.8	142.6	-60.8	81.8	215.5	-133.7	81.8	332.0	-250.2	JAVA TOTAL	32.1	106.5	-133.4	106.4	245.1	-80.7	209.5	571.6	-162.1	209.5	551.9	-342.4	209.5	836.4	-626.9																																																																																																																																																																																																																																																																																																																																
C.J. OTHER AREA	0.0	19.7	-19.7	0.0	28.7	-28.7	0.0	42.6	-42.6	0.0	61.2	-61.2	0.0	89.8	-89.8	CENT JAYA TOTAL	4.9	50.3	-45.4	65.1	73.5	-4.4	80.4	108.5	-28.1	80.4	155.4	-75.0	80.4	226.7	-146.3	(24) PACIJAN	0.0	1.0	-1.0	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	(25) PUNGGU	0.0	1.5	-1.5	0.0	2.1	-2.1	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.1	-7.1	(26) TENGGALEK	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.4	-2.4	0.0	3.5	-3.5	0.0	5.2	-5.2	(27) TULUNGWANGU	0.0	1.5	-1.5	0.0	2.3	-2.3	0.0	3.4	-3.4	0.0	5.0	-5.0	0.0	7.4	-7.4	(28) KADIKI	0.0	2.7	-2.7	0.0	3.9	-3.9	0.0	6.1	-6.1	0.0	9.2	-9.2	0.0	14.2	-14.2	(29) BLITAR	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.5	-4.5	0.0	6.6	-6.6	0.0	9.8	-9.8	(30) NGAWI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.5	-6.5	(31) MAGELAN	0.0	1.1	-1.1	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.8	-3.8	0.0	5.7	-5.7	(32) MADURAN	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.5	-3.5	0.0	5.4	-5.4	0.0	8.4	-8.4	(33) NGANJUN	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	0.0	7.1	-7.1	(36) MALANG	0.0	4.7	-4.7	0.0	6.9	-6.9	0.0	10.7	-10.7	0.0	16.3	-16.3	0.0	25.4	-25.4	E.J. PROJECT AREA	0.0	20.1	-20.1	0.0	29.5	-29.5	0.0	44.9	-44.9	0.0	66.9	-66.9	0.0	101.7	-101.7	E.J. OTHER AREA	11.6	35.4	-23.8	24.8	49.2	-24.4	47.3	75.6	-28.3	47.3	114.0	-66.7	47.3	175.9	-120.6	EAST JAYA TOTAL	11.6	55.6	-44.0	24.8	78.6	-53.8	47.3	120.5	-73.2	47.3	180.9	-133.6	47.3	277.6	-230.3	EAST JAYA TOTAL	15.6	60.7	-45.1	70.5	93.0	-22.5	81.8	142.6	-60.8	81.8	215.5	-133.7	81.8	332.0	-250.2	JAVA TOTAL	32.1	106.5	-133.4	106.4	245.1	-80.7	209.5	571.6	-162.1	209.5	551.9	-342.4	209.5	836.4	-626.9																																																																																																																																																																																																																																																																																																																																																
CENT JAYA TOTAL	4.9	50.3	-45.4	65.1	73.5	-4.4	80.4	108.5	-28.1	80.4	155.4	-75.0	80.4	226.7	-146.3	(24) PACIJAN	0.0	1.0	-1.0	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	(25) PUNGGU	0.0	1.5	-1.5	0.0	2.1	-2.1	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.1	-7.1	(26) TENGGALEK	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.4	-2.4	0.0	3.5	-3.5	0.0	5.2	-5.2	(27) TULUNGWANGU	0.0	1.5	-1.5	0.0	2.3	-2.3	0.0	3.4	-3.4	0.0	5.0	-5.0	0.0	7.4	-7.4	(28) KADIKI	0.0	2.7	-2.7	0.0	3.9	-3.9	0.0	6.1	-6.1	0.0	9.2	-9.2	0.0	14.2	-14.2	(29) BLITAR	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.5	-4.5	0.0	6.6	-6.6	0.0	9.8	-9.8	(30) NGAWI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.5	-6.5	(31) MAGELAN	0.0	1.1	-1.1	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.8	-3.8	0.0	5.7	-5.7	(32) MADURAN	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.5	-3.5	0.0	5.4	-5.4	0.0	8.4	-8.4	(33) NGANJUN	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	0.0	7.1	-7.1	(36) MALANG	0.0	4.7	-4.7	0.0	6.9	-6.9	0.0	10.7	-10.7	0.0	16.3	-16.3	0.0	25.4	-25.4	E.J. PROJECT AREA	0.0	20.1	-20.1	0.0	29.5	-29.5	0.0	44.9	-44.9	0.0	66.9	-66.9	0.0	101.7	-101.7	E.J. OTHER AREA	11.6	35.4	-23.8	24.8	49.2	-24.4	47.3	75.6	-28.3	47.3	114.0	-66.7	47.3	175.9	-120.6	EAST JAYA TOTAL	11.6	55.6	-44.0	24.8	78.6	-53.8	47.3	120.5	-73.2	47.3	180.9	-133.6	47.3	277.6	-230.3	EAST JAYA TOTAL	15.6	60.7	-45.1	70.5	93.0	-22.5	81.8	142.6	-60.8	81.8	215.5	-133.7	81.8	332.0	-250.2	JAVA TOTAL	32.1	106.5	-133.4	106.4	245.1	-80.7	209.5	571.6	-162.1	209.5	551.9	-342.4	209.5	836.4	-626.9																																																																																																																																																																																																																																																																																																																																																																
(24) PACIJAN	0.0	1.0	-1.0	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	(25) PUNGGU	0.0	1.5	-1.5	0.0	2.1	-2.1	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.1	-7.1	(26) TENGGALEK	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.4	-2.4	0.0	3.5	-3.5	0.0	5.2	-5.2	(27) TULUNGWANGU	0.0	1.5	-1.5	0.0	2.3	-2.3	0.0	3.4	-3.4	0.0	5.0	-5.0	0.0	7.4	-7.4	(28) KADIKI	0.0	2.7	-2.7	0.0	3.9	-3.9	0.0	6.1	-6.1	0.0	9.2	-9.2	0.0	14.2	-14.2	(29) BLITAR	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.5	-4.5	0.0	6.6	-6.6	0.0	9.8	-9.8	(30) NGAWI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.5	-6.5	(31) MAGELAN	0.0	1.1	-1.1	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.8	-3.8	0.0	5.7	-5.7	(32) MADURAN	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.5	-3.5	0.0	5.4	-5.4	0.0	8.4	-8.4	(33) NGANJUN	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	0.0	7.1	-7.1	(36) MALANG	0.0	4.7	-4.7	0.0	6.9	-6.9	0.0	10.7	-10.7	0.0	16.3	-16.3	0.0	25.4	-25.4	E.J. PROJECT AREA	0.0	20.1	-20.1	0.0	29.5	-29.5	0.0	44.9	-44.9	0.0	66.9	-66.9	0.0	101.7	-101.7	E.J. OTHER AREA	11.6	35.4	-23.8	24.8	49.2	-24.4	47.3	75.6	-28.3	47.3	114.0	-66.7	47.3	175.9	-120.6	EAST JAYA TOTAL	11.6	55.6	-44.0	24.8	78.6	-53.8	47.3	120.5	-73.2	47.3	180.9	-133.6	47.3	277.6	-230.3	EAST JAYA TOTAL	15.6	60.7	-45.1	70.5	93.0	-22.5	81.8	142.6	-60.8	81.8	215.5	-133.7	81.8	332.0	-250.2	JAVA TOTAL	32.1	106.5	-133.4	106.4	245.1	-80.7	209.5	571.6	-162.1	209.5	551.9	-342.4	209.5	836.4	-626.9																																																																																																																																																																																																																																																																																																																																																																																
(25) PUNGGU	0.0	1.5	-1.5	0.0	2.1	-2.1	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.1	-7.1	(26) TENGGALEK	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.4	-2.4	0.0	3.5	-3.5	0.0	5.2	-5.2	(27) TULUNGWANGU	0.0	1.5	-1.5	0.0	2.3	-2.3	0.0	3.4	-3.4	0.0	5.0	-5.0	0.0	7.4	-7.4	(28) KADIKI	0.0	2.7	-2.7	0.0	3.9	-3.9	0.0	6.1	-6.1	0.0	9.2	-9.2	0.0	14.2	-14.2	(29) BLITAR	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.5	-4.5	0.0	6.6	-6.6	0.0	9.8	-9.8	(30) NGAWI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.5	-6.5	(31) MAGELAN	0.0	1.1	-1.1	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.8	-3.8	0.0	5.7	-5.7	(32) MADURAN	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.5	-3.5	0.0	5.4	-5.4	0.0	8.4	-8.4	(33) NGANJUN	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	0.0	7.1	-7.1	(36) MALANG	0.0	4.7	-4.7	0.0	6.9	-6.9	0.0	10.7	-10.7	0.0	16.3	-16.3	0.0	25.4	-25.4	E.J. PROJECT AREA	0.0	20.1	-20.1	0.0	29.5	-29.5	0.0	44.9	-44.9	0.0	66.9	-66.9	0.0	101.7	-101.7	E.J. OTHER AREA	11.6	35.4	-23.8	24.8	49.2	-24.4	47.3	75.6	-28.3	47.3	114.0	-66.7	47.3	175.9	-120.6	EAST JAYA TOTAL	11.6	55.6	-44.0	24.8	78.6	-53.8	47.3	120.5	-73.2	47.3	180.9	-133.6	47.3	277.6	-230.3	EAST JAYA TOTAL	15.6	60.7	-45.1	70.5	93.0	-22.5	81.8	142.6	-60.8	81.8	215.5	-133.7	81.8	332.0	-250.2	JAVA TOTAL	32.1	106.5	-133.4	106.4	245.1	-80.7	209.5	571.6	-162.1	209.5	551.9	-342.4	209.5	836.4	-626.9																																																																																																																																																																																																																																																																																																																																																																																																
(26) TENGGALEK	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.4	-2.4	0.0	3.5	-3.5	0.0	5.2	-5.2	(27) TULUNGWANGU	0.0	1.5	-1.5	0.0	2.3	-2.3	0.0	3.4	-3.4	0.0	5.0	-5.0	0.0	7.4	-7.4	(28) KADIKI	0.0	2.7	-2.7	0.0	3.9	-3.9	0.0	6.1	-6.1	0.0	9.2	-9.2	0.0	14.2	-14.2	(29) BLITAR	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.5	-4.5	0.0	6.6	-6.6	0.0	9.8	-9.8	(30) NGAWI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.5	-6.5	(31) MAGELAN	0.0	1.1	-1.1	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.8	-3.8	0.0	5.7	-5.7	(32) MADURAN	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.5	-3.5	0.0	5.4	-5.4	0.0	8.4	-8.4	(33) NGANJUN	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	0.0	7.1	-7.1	(36) MALANG	0.0	4.7	-4.7	0.0	6.9	-6.9	0.0	10.7	-10.7	0.0	16.3	-16.3	0.0	25.4	-25.4	E.J. PROJECT AREA	0.0	20.1	-20.1	0.0	29.5	-29.5	0.0	44.9	-44.9	0.0	66.9	-66.9	0.0	101.7	-101.7	E.J. OTHER AREA	11.6	35.4	-23.8	24.8	49.2	-24.4	47.3	75.6	-28.3	47.3	114.0	-66.7	47.3	175.9	-120.6	EAST JAYA TOTAL	11.6	55.6	-44.0	24.8	78.6	-53.8	47.3	120.5	-73.2	47.3	180.9	-133.6	47.3	277.6	-230.3	EAST JAYA TOTAL	15.6	60.7	-45.1	70.5	93.0	-22.5	81.8	142.6	-60.8	81.8	215.5	-133.7	81.8	332.0	-250.2	JAVA TOTAL	32.1	106.5	-133.4	106.4	245.1	-80.7	209.5	571.6	-162.1	209.5	551.9	-342.4	209.5	836.4	-626.9																																																																																																																																																																																																																																																																																																																																																																																																																
(27) TULUNGWANGU	0.0	1.5	-1.5	0.0	2.3	-2.3	0.0	3.4	-3.4	0.0	5.0	-5.0	0.0	7.4	-7.4	(28) KADIKI	0.0	2.7	-2.7	0.0	3.9	-3.9	0.0	6.1	-6.1	0.0	9.2	-9.2	0.0	14.2	-14.2	(29) BLITAR	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.5	-4.5	0.0	6.6	-6.6	0.0	9.8	-9.8	(30) NGAWI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.5	-6.5	(31) MAGELAN	0.0	1.1	-1.1	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.8	-3.8	0.0	5.7	-5.7	(32) MADURAN	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.5	-3.5	0.0	5.4	-5.4	0.0	8.4	-8.4	(33) NGANJUN	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	0.0	7.1	-7.1	(36) MALANG	0.0	4.7	-4.7	0.0	6.9	-6.9	0.0	10.7	-10.7	0.0	16.3	-16.3	0.0	25.4	-25.4	E.J. PROJECT AREA	0.0	20.1	-20.1	0.0	29.5	-29.5	0.0	44.9	-44.9	0.0	66.9	-66.9	0.0	101.7	-101.7	E.J. OTHER AREA	11.6	35.4	-23.8	24.8	49.2	-24.4	47.3	75.6	-28.3	47.3	114.0	-66.7	47.3	175.9	-120.6	EAST JAYA TOTAL	11.6	55.6	-44.0	24.8	78.6	-53.8	47.3	120.5	-73.2	47.3	180.9	-133.6	47.3	277.6	-230.3	EAST JAYA TOTAL	15.6	60.7	-45.1	70.5	93.0	-22.5	81.8	142.6	-60.8	81.8	215.5	-133.7	81.8	332.0	-250.2	JAVA TOTAL	32.1	106.5	-133.4	106.4	245.1	-80.7	209.5	571.6	-162.1	209.5	551.9	-342.4	209.5	836.4	-626.9																																																																																																																																																																																																																																																																																																																																																																																																																																
(28) KADIKI	0.0	2.7	-2.7	0.0	3.9	-3.9	0.0	6.1	-6.1	0.0	9.2	-9.2	0.0	14.2	-14.2	(29) BLITAR	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.5	-4.5	0.0	6.6	-6.6	0.0	9.8	-9.8	(30) NGAWI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.5	-6.5	(31) MAGELAN	0.0	1.1	-1.1	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.8	-3.8	0.0	5.7	-5.7	(32) MADURAN	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.5	-3.5	0.0	5.4	-5.4	0.0	8.4	-8.4	(33) NGANJUN	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	0.0	7.1	-7.1	(36) MALANG	0.0	4.7	-4.7	0.0	6.9	-6.9	0.0	10.7	-10.7	0.0	16.3	-16.3	0.0	25.4	-25.4	E.J. PROJECT AREA	0.0	20.1	-20.1	0.0	29.5	-29.5	0.0	44.9	-44.9	0.0	66.9	-66.9	0.0	101.7	-101.7	E.J. OTHER AREA	11.6	35.4	-23.8	24.8	49.2	-24.4	47.3	75.6	-28.3	47.3	114.0	-66.7	47.3	175.9	-120.6	EAST JAYA TOTAL	11.6	55.6	-44.0	24.8	78.6	-53.8	47.3	120.5	-73.2	47.3	180.9	-133.6	47.3	277.6	-230.3	EAST JAYA TOTAL	15.6	60.7	-45.1	70.5	93.0	-22.5	81.8	142.6	-60.8	81.8	215.5	-133.7	81.8	332.0	-250.2	JAVA TOTAL	32.1	106.5	-133.4	106.4	245.1	-80.7	209.5	571.6	-162.1	209.5	551.9	-342.4	209.5	836.4	-626.9																																																																																																																																																																																																																																																																																																																																																																																																																																																
(29) BLITAR	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.5	-4.5	0.0	6.6	-6.6	0.0	9.8	-9.8	(30) NGAWI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.5	-6.5	(31) MAGELAN	0.0	1.1	-1.1	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.8	-3.8	0.0	5.7	-5.7	(32) MADURAN	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.5	-3.5	0.0	5.4	-5.4	0.0	8.4	-8.4	(33) NGANJUN	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	0.0	7.1	-7.1	(36) MALANG	0.0	4.7	-4.7	0.0	6.9	-6.9	0.0	10.7	-10.7	0.0	16.3	-16.3	0.0	25.4	-25.4	E.J. PROJECT AREA	0.0	20.1	-20.1	0.0	29.5	-29.5	0.0	44.9	-44.9	0.0	66.9	-66.9	0.0	101.7	-101.7	E.J. OTHER AREA	11.6	35.4	-23.8	24.8	49.2	-24.4	47.3	75.6	-28.3	47.3	114.0	-66.7	47.3	175.9	-120.6	EAST JAYA TOTAL	11.6	55.6	-44.0	24.8	78.6	-53.8	47.3	120.5	-73.2	47.3	180.9	-133.6	47.3	277.6	-230.3	EAST JAYA TOTAL	15.6	60.7	-45.1	70.5	93.0	-22.5	81.8	142.6	-60.8	81.8	215.5	-133.7	81.8	332.0	-250.2	JAVA TOTAL	32.1	106.5	-133.4	106.4	245.1	-80.7	209.5	571.6	-162.1	209.5	551.9	-342.4	209.5	836.4	-626.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																
(30) NGAWI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.5	-6.5	(31) MAGELAN	0.0	1.1	-1.1	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.8	-3.8	0.0	5.7	-5.7	(32) MADURAN	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.5	-3.5	0.0	5.4	-5.4	0.0	8.4	-8.4	(33) NGANJUN	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	0.0	7.1	-7.1	(36) MALANG	0.0	4.7	-4.7	0.0	6.9	-6.9	0.0	10.7	-10.7	0.0	16.3	-16.3	0.0	25.4	-25.4	E.J. PROJECT AREA	0.0	20.1	-20.1	0.0	29.5	-29.5	0.0	44.9	-44.9	0.0	66.9	-66.9	0.0	101.7	-101.7	E.J. OTHER AREA	11.6	35.4	-23.8	24.8	49.2	-24.4	47.3	75.6	-28.3	47.3	114.0	-66.7	47.3	175.9	-120.6	EAST JAYA TOTAL	11.6	55.6	-44.0	24.8	78.6	-53.8	47.3	120.5	-73.2	47.3	180.9	-133.6	47.3	277.6	-230.3	EAST JAYA TOTAL	15.6	60.7	-45.1	70.5	93.0	-22.5	81.8	142.6	-60.8	81.8	215.5	-133.7	81.8	332.0	-250.2	JAVA TOTAL	32.1	106.5	-133.4	106.4	245.1	-80.7	209.5	571.6	-162.1	209.5	551.9	-342.4	209.5	836.4	-626.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
(31) MAGELAN	0.0	1.1	-1.1	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.8	-3.8	0.0	5.7	-5.7	(32) MADURAN	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.5	-3.5	0.0	5.4	-5.4	0.0	8.4	-8.4	(33) NGANJUN	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	0.0	7.1	-7.1	(36) MALANG	0.0	4.7	-4.7	0.0	6.9	-6.9	0.0	10.7	-10.7	0.0	16.3	-16.3	0.0	25.4	-25.4	E.J. PROJECT AREA	0.0	20.1	-20.1	0.0	29.5	-29.5	0.0	44.9	-44.9	0.0	66.9	-66.9	0.0	101.7	-101.7	E.J. OTHER AREA	11.6	35.4	-23.8	24.8	49.2	-24.4	47.3	75.6	-28.3	47.3	114.0	-66.7	47.3	175.9	-120.6	EAST JAYA TOTAL	11.6	55.6	-44.0	24.8	78.6	-53.8	47.3	120.5	-73.2	47.3	180.9	-133.6	47.3	277.6	-230.3	EAST JAYA TOTAL	15.6	60.7	-45.1	70.5	93.0	-22.5	81.8	142.6	-60.8	81.8	215.5	-133.7	81.8	332.0	-250.2	JAVA TOTAL	32.1	106.5	-133.4	106.4	245.1	-80.7	209.5	571.6	-162.1	209.5	551.9	-342.4	209.5	836.4	-626.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
(32) MADURAN	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.5	-3.5	0.0	5.4	-5.4	0.0	8.4	-8.4	(33) NGANJUN	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	0.0	7.1	-7.1	(36) MALANG	0.0	4.7	-4.7	0.0	6.9	-6.9	0.0	10.7	-10.7	0.0	16.3	-16.3	0.0	25.4	-25.4	E.J. PROJECT AREA	0.0	20.1	-20.1	0.0	29.5	-29.5	0.0	44.9	-44.9	0.0	66.9	-66.9	0.0	101.7	-101.7	E.J. OTHER AREA	11.6	35.4	-23.8	24.8	49.2	-24.4	47.3	75.6	-28.3	47.3	114.0	-66.7	47.3	175.9	-120.6	EAST JAYA TOTAL	11.6	55.6	-44.0	24.8	78.6	-53.8	47.3	120.5	-73.2	47.3	180.9	-133.6	47.3	277.6	-230.3	EAST JAYA TOTAL	15.6	60.7	-45.1	70.5	93.0	-22.5	81.8	142.6	-60.8	81.8	215.5	-133.7	81.8	332.0	-250.2	JAVA TOTAL	32.1	106.5	-133.4	106.4	245.1	-80.7	209.5	571.6	-162.1	209.5	551.9	-342.4	209.5	836.4	-626.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
(33) NGANJUN	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	0.0	7.1	-7.1	(36) MALANG	0.0	4.7	-4.7	0.0	6.9	-6.9	0.0	10.7	-10.7	0.0	16.3	-16.3	0.0	25.4	-25.4	E.J. PROJECT AREA	0.0	20.1	-20.1	0.0	29.5	-29.5	0.0	44.9	-44.9	0.0	66.9	-66.9	0.0	101.7	-101.7	E.J. OTHER AREA	11.6	35.4	-23.8	24.8	49.2	-24.4	47.3	75.6	-28.3	47.3	114.0	-66.7	47.3	175.9	-120.6	EAST JAYA TOTAL	11.6	55.6	-44.0	24.8	78.6	-53.8	47.3	120.5	-73.2	47.3	180.9	-133.6	47.3	277.6	-230.3	EAST JAYA TOTAL	15.6	60.7	-45.1	70.5	93.0	-22.5	81.8	142.6	-60.8	81.8	215.5	-133.7	81.8	332.0	-250.2	JAVA TOTAL	32.1	106.5	-133.4	106.4	245.1	-80.7	209.5	571.6	-162.1	209.5	551.9	-342.4	209.5	836.4	-626.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
(36) MALANG	0.0	4.7	-4.7	0.0	6.9	-6.9	0.0	10.7	-10.7	0.0	16.3	-16.3	0.0	25.4	-25.4	E.J. PROJECT AREA	0.0	20.1	-20.1	0.0	29.5	-29.5	0.0	44.9	-44.9	0.0	66.9	-66.9	0.0	101.7	-101.7	E.J. OTHER AREA	11.6	35.4	-23.8	24.8	49.2	-24.4	47.3	75.6	-28.3	47.3	114.0	-66.7	47.3	175.9	-120.6	EAST JAYA TOTAL	11.6	55.6	-44.0	24.8	78.6	-53.8	47.3	120.5	-73.2	47.3	180.9	-133.6	47.3	277.6	-230.3	EAST JAYA TOTAL	15.6	60.7	-45.1	70.5	93.0	-22.5	81.8	142.6	-60.8	81.8	215.5	-133.7	81.8	332.0	-250.2	JAVA TOTAL	32.1	106.5	-133.4	106.4	245.1	-80.7	209.5	571.6	-162.1	209.5	551.9	-342.4	209.5	836.4	-626.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
E.J. PROJECT AREA	0.0	20.1	-20.1	0.0	29.5	-29.5	0.0	44.9	-44.9	0.0	66.9	-66.9	0.0	101.7	-101.7	E.J. OTHER AREA	11.6	35.4	-23.8	24.8	49.2	-24.4	47.3	75.6	-28.3	47.3	114.0	-66.7	47.3	175.9	-120.6	EAST JAYA TOTAL	11.6	55.6	-44.0	24.8	78.6	-53.8	47.3	120.5	-73.2	47.3	180.9	-133.6	47.3	277.6	-230.3	EAST JAYA TOTAL	15.6	60.7	-45.1	70.5	93.0	-22.5	81.8	142.6	-60.8	81.8	215.5	-133.7	81.8	332.0	-250.2	JAVA TOTAL	32.1	106.5	-133.4	106.4	245.1	-80.7	209.5	571.6	-162.1	209.5	551.9	-342.4	209.5	836.4	-626.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
E.J. OTHER AREA	11.6	35.4	-23.8	24.8	49.2	-24.4	47.3	75.6	-28.3	47.3	114.0	-66.7	47.3	175.9	-120.6	EAST JAYA TOTAL	11.6	55.6	-44.0	24.8	78.6	-53.8	47.3	120.5	-73.2	47.3	180.9	-133.6	47.3	277.6	-230.3	EAST JAYA TOTAL	15.6	60.7	-45.1	70.5	93.0	-22.5	81.8	142.6	-60.8	81.8	215.5	-133.7	81.8	332.0	-250.2	JAVA TOTAL	32.1	106.5	-133.4	106.4	245.1	-80.7	209.5	571.6	-162.1	209.5	551.9	-342.4	209.5	836.4	-626.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
EAST JAYA TOTAL	11.6	55.6	-44.0	24.8	78.6	-53.8	47.3	120.5	-73.2	47.3	180.9	-133.6	47.3	277.6	-230.3	EAST JAYA TOTAL	15.6	60.7	-45.1	70.5	93.0	-22.5	81.8	142.6	-60.8	81.8	215.5	-133.7	81.8	332.0	-250.2	JAVA TOTAL	32.1	106.5	-133.4	106.4	245.1	-80.7	209.5	571.6	-162.1	209.5	551.9	-342.4	209.5	836.4	-626.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
EAST JAYA TOTAL	15.6	60.7	-45.1	70.5	93.0	-22.5	81.8	142.6	-60.8	81.8	215.5	-133.7	81.8	332.0	-250.2	JAVA TOTAL	32.1	106.5	-133.4	106.4	245.1	-80.7	209.5	571.6	-162.1	209.5	551.9	-342.4	209.5	836.4	-626.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
JAVA TOTAL	32.1	106.5	-133.4	106.4	245.1	-80.7	209.5	571.6	-162.1	209.5	551.9	-342.4	209.5	836.4	-626.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																

STRUCTURE AND DESIGN IN COMMUNITY DISTRIBUTION ON PROJECT AREA
* COMMODITY PETROLEUM PRODUCTS 1000MI

ZONE No	KAWAHLAN*	1975			1985			1995								
		(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)						
(1)	LILALAP	0.0	88.7	-88.7	2250.0	121.4	2128.6	2250.0	160.6	2083.4	2250.0	227.1	2022.9	2250.0	307.5	1942.5
(2)	MARYUNAS	0.0	76.1	-76.1	0.0	104.2	-104.2	0.0	142.1	-142.1	0.0	192.4	-192.4	0.0	258.2	-258.2
(3)	PURBALINGGA	0.0	43.1	-43.1	0.0	59.1	-59.1	0.0	81.0	-81.0	0.0	110.1	-110.1	0.0	148.3	-148.3
(4)	LAHJANG GARA	0.0	44.0	-44.0	0.0	60.4	-60.4	0.0	82.6	-82.6	0.0	112.7	-112.7	0.0	152.4	-152.4
(5)	MELISUBU	0.0	38.1	-38.1	0.0	52.2	-52.2	0.0	71.7	-71.7	0.0	97.8	-97.8	0.0	132.4	-132.4
(6)	TEMANGGUNG	0.0	56.4	-56.4	0.0	49.7	-49.7	0.0	68.8	-68.8	0.0	94.4	-94.4	0.0	129.1	-129.1
(7)	MADELANG	0.0	73.9	-73.9	0.0	101.1	-101.1	0.0	140.2	-140.2	0.0	193.4	-193.4	0.0	266.3	-266.3
(8)	NIJA, SALATIGA	0.0	71.1	-71.1	0.0	97.0	-97.0	0.0	136.3	-136.3	0.0	191.7	-191.7	0.0	270.0	-270.0
(9)	BUGELALI	0.0	51.2	-51.2	0.0	70.2	-70.2	0.0	95.8	-95.8	0.0	130.2	-130.2	0.0	175.3	-175.3
(10)	PEUMEN	0.0	69.5	-69.5	0.0	95.2	-95.2	0.0	130.5	-130.5	0.0	177.8	-177.8	0.0	240.5	-240.5
(11)	PURAKREJL	0.0	49.3	-49.3	0.0	67.7	-67.7	0.0	92.5	-92.5	0.0	126.9	-126.9	0.0	172.0	-172.0
(12)	KLATEN	0.0	70.8	-70.8	900.0	57.0	603.0	900.0	132.6	767.4	900.0	180.4	715.6	500.0	243.0	657.0
(13,14)	SUKOHARJU	0.0	89.4	-89.4	0.0	121.5	-121.5	0.0	175.2	-175.2	0.0	254.1	-254.1	0.0	370.9	-370.9
(15)	KAKABANGYAN	0.0	55.4	-55.4	0.0	48.5	-48.5	0.0	66.3	-66.3	0.0	89.5	-89.5	0.0	120.0	-120.0
(16)	KUDIGIRI	0.0	84.9	-84.9	0.0	89.0	-89.0	0.0	121.7	-121.7	0.0	165.5	-165.5	0.0	222.7	-222.7
(17)	SKAGEN	0.0	47.4	-47.4	0.0	64.9	-64.9	0.0	89.2	-89.2	0.0	121.5	-121.5	0.0	164.6	-164.6
(23)	BANTUL	0.0	84.8	-84.8	0.0	114.3	-114.3	0.0	158.0	-158.0	0.0	217.1	-217.1	0.0	294.8	-294.8
(23)	SLEMAN	0.0	42.2	-42.2	0.0	58.2	-58.2	0.0	79.6	-79.6	0.0	107.6	-107.6	0.0	145.6	-145.6
(23)	GUNUNG KIDUL	0.0	45.5	-45.5	0.0	62.6	-62.6	0.0	89.6	-89.6	0.0	116.0	-116.0	0.0	156.8	-156.8
(23)	NULLE, PLEGU	0.0	27.2	-27.2	0.0	37.4	-37.4	0.0	51.2	-51.2	0.0	69.3	-69.3	0.0	93.7	-93.7
C.J. PROJECT AREA		C.C	1149.0	-1149.0	3150.0	1571.3	1578.2	3150.0	2165.9	984.1	3150.0	2975.4	174.6	3150.0	4064.0	-914.0
C.J. OTHER AREA		0.0	742.9	-742.9	0.0	1015.8	-1015.8	0.0	1409.2	-1409.2	0.0	1550.0	-1550.0	0.0	2090.1	-2090.1
CENT JAWA TOTAL		0.0	1891.9	-1891.9	3150.0	2587.7	562.5	3150.0	3575.1	-425.1	3150.0	4925.4	-1775.4	3150.0	6754.1	-3604.1
(24)	PACITA:	0.0	37.2	-37.2	0.0	51.1	-51.1	0.0	72.8	-72.8	0.0	104.0	-104.0	0.0	147.9	-147.9
(25)	PENURUJ	0.0	54.8	-54.8	0.0	75.0	-75.0	0.0	106.0	-106.0	0.0	149.9	-149.9	0.0	210.3	-210.3
(26)	TRENGGALEK	0.0	59.9	-59.9	0.0	54.7	-54.7	0.0	77.5	-77.5	0.0	110.1	-110.1	0.0	155.6	-155.6
(27)	TULUNGKABUNG	0.0	57.5	-57.5	0.0	78.5	-78.5	0.0	110.6	-110.6	0.0	155.5	-155.5	0.0	218.0	-218.0
(28)	KUDIRI	0.0	102.2	-102.2	0.0	141.5	-141.5	0.0	205.3	-205.3	0.0	299.5	-299.5	0.0	436.9	-436.9
(29)	SLITAR	0.0	75.9	-75.9	0.0	103.8	-103.8	0.0	146.5	-146.5	0.0	207.0	-207.0	0.0	290.4	-290.4
(30)	NGAWI	0.0	51.0	-51.0	0.0	69.5	-69.5	0.0	97.4	-97.4	0.0	136.5	-136.5	0.0	189.5	-189.5
(30)	PAKETAN	0.0	42.9	-42.9	0.0	58.9	-58.9	0.0	83.5	-83.5	0.0	119.7	-119.7	0.0	170.2	-170.2
(31)	KADIUN	0.5	55.6	-55.6	0.0	82.7	-82.7	0.0	120.3	-120.3	0.0	176.5	-176.5	0.0	259.1	-259.1
(32)	NGAWJUN	0.0	58.7	-58.7	0.0	77.2	-77.2	0.0	107.9	-107.9	0.0	150.8	-150.8	0.0	207.9	-207.9
(36)	MALANG	0.0	180.2	-180.2	0.0	250.0	-250.0	0.0	364.5	-364.5	0.0	535.1	-535.1	0.0	787.0	-787.0
E.J. PROJECT AREA		0.0	758.0	-758.0	0.0	1042.8	-1042.8	0.0	1492.7	-1492.7	0.0	2145.1	-2145.1	0.0	3072.5	-3072.5
E.J. OTHER AREA		300.0	1272.8	-1272.8	300.0	1759.8	-1759.8	300.0	2548.8	-2548.8	300.0	3705.3	-3705.3	300.0	5391.7	-5391.7
EAST JAVA TOTAL		300.0	2030.8	-2030.8	300.0	2802.6	-2802.6	300.0	4099.5	-4099.5	300.0	5850.4	-5850.4	300.0	8464.2	-8464.2
WEST JAVA TOTAL		0.0	2354.4	-2354.4	1350.0	5445.5	-5445.5	1350.0	4989.8	-4989.8	1350.0	7232.1	-7232.1	1350.0	10438.0	-10438.0
JAVA TOTAL		300.0	6307.1	-6307.1	4860.0	8815.8	-8815.8	4860.0	9120.4	-9120.4	4860.0	12087.5	-12087.5	4860.0	18902.9	-18902.9

APP. Table III-C-18

SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION ON PROJECT AREA

* COMMODITY FERTILIZER

1000MT

ZONE	1975			1980			1985			1990		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
(1) ULIRAP	0.0	17.5	-17.5	0.0	25.4	-25.4	0.0	33.9	-33.9	0.0	42.3	-42.3
(2) BANYUWAS	0.0	10.3	-10.3	0.0	14.9	-14.9	0.0	19.9	-19.9	0.0	24.8	-24.8
(3) PUSKASITAN	0.0	5.4	-5.4	0.0	7.8	-7.8	0.0	10.4	-10.4	0.0	13.0	-13.0
(4) ANJARANAKA	0.0	3.6	-3.6	0.0	5.2	-5.2	0.0	7.0	-7.0	0.0	8.7	-8.7
(5) KUNDUNO	0.0	3.3	-3.3	0.0	4.9	-4.9	0.0	6.7	-6.7	0.0	8.5	-8.5
(6) TERANGBUNG	0.0	4.7	-4.7	0.0	7.0	-7.0	0.0	9.5	-9.5	0.0	12.0	-12.0
(7) MAGELANG	0.0	7.4	-7.4	0.0	11.1	-11.1	0.0	15.0	-15.0	0.0	19.0	-19.0
(8) KOTA-SALATIGA	0.0	8.6	-8.6	0.0	13.0	-13.0	0.0	17.8	-17.8	0.0	22.7	-22.7
(9) BOYOLALI	0.0	5.0	-5.0	0.0	7.3	-7.3	0.0	9.7	-9.7	0.0	12.2	-12.2
(10) KEMEN	0.0	10.7	-10.7	0.0	16.0	-16.0	0.0	21.8	-21.8	0.0	27.6	-27.6
(11) WONOREJO	0.0	7.9	-7.9	0.0	11.8	-11.8	0.0	16.0	-16.0	0.0	20.2	-20.2
(12) KLATEN	0.0	8.2	-8.2	0.0	11.9	-11.9	0.0	15.9	-15.9	0.0	23.9	-23.9
(13,14) SUKOHARJO	0.0	4.9	-4.9	0.0	7.1	-7.1	0.0	9.5	-9.5	0.0	11.9	-11.9
(15) NARAGANYAR	0.0	4.9	-4.9	0.0	7.1	-7.1	0.0	9.5	-9.5	0.0	11.9	-11.9
(16) KRUGIR	0.0	7.8	-7.8	0.0	11.3	-11.3	0.0	15.2	-15.2	0.0	19.0	-19.0
(17) SRAGEN	0.0	12.3	-12.3	0.0	18.0	-18.0	0.0	24.1	-24.1	0.0	30.1	-30.1
(18) KATUL	0.0	2.9	-2.9	0.0	4.5	-4.5	0.0	6.4	-6.4	0.0	8.2	-8.2
(19) SLEMAN	0.0	5.1	-5.1	0.0	7.9	-7.9	0.0	11.2	-11.2	0.0	14.3	-14.3
(20) GUNUNG KIDUL	0.0	4.2	-4.2	0.0	6.5	-6.5	0.0	9.1	-9.1	0.0	11.7	-11.7
(21) KULLA PRING	0.0	1.3	-1.3	0.0	2.1	-2.1	0.0	2.9	-2.9	0.0	3.8	-3.8
C.J. PROJECT AREA	0.0	136.0	-136.0	0.0	200.8	-200.8	0.0	271.5	-271.5	0.0	341.8	-341.8
C.J. OTHER AREA	0.0	106.1	-106.1	0.0	156.1	-156.1	0.0	211.0	-211.0	0.0	265.9	-265.9
CENT JAWA TOTAL	0.0	242.1	-242.1	0.0	356.9	-356.9	0.0	482.5	-482.5	0.0	607.7	-607.7
(26) PALITAN	0.0	6.3	-6.3	0.0	8.9	-8.9	0.0	11.5	-11.5	0.0	14.2	-14.2
(27) PURWOREJO	0.0	6.3	-6.3	0.0	8.9	-8.9	0.0	11.5	-11.5	0.0	14.2	-14.2
(28) TRENGGALEK	0.0	3.4	-3.4	0.0	4.9	-4.9	0.0	6.5	-6.5	0.0	8.0	-8.0
(29) TULUNGRENG	0.0	5.5	-5.5	0.0	7.7	-7.7	0.0	10.1	-10.1	0.0	12.5	-12.5
(30) KEDIRI	0.0	10.8	-10.8	0.0	15.5	-15.5	0.0	20.4	-20.4	0.0	25.2	-25.2
(31) BLITAR	0.0	5.5	-5.5	0.0	7.7	-7.7	0.0	10.1	-10.1	0.0	12.5	-12.5
(32) NGAWI	0.0	13.3	-13.3	0.0	18.9	-18.9	0.0	24.4	-24.4	0.0	30.0	-30.0
(33) MAGETAN	0.0	6.0	-6.0	0.0	8.5	-8.5	0.0	11.0	-11.0	0.0	13.5	-13.5
(34) MADIUN	0.0	7.6	-7.6	0.0	11.0	-11.0	0.0	14.3	-14.3	0.0	17.6	-17.6
(35) NGARJUK	0.0	10.2	-10.2	0.0	14.6	-14.6	0.0	19.2	-19.2	0.0	23.7	-23.7
(36) MALANG	0.0	20.6	-20.6	0.0	29.6	-29.6	0.0	38.7	-38.7	0.0	47.9	-47.9
E.J. PROJECT AREA	0.0	94.5	-94.5	0.0	142.1	-142.1	0.0	185.5	-185.5	0.0	228.9	-228.9
E.J. OTHER AREA	108.0	198.2	-90.2	512.0	290.9	221.1	512.0	388.7	123.3	512.0	486.5	25.5
EAST JAVA TOTAL	108.0	292.7	-94.7	512.0	433.0	79.0	512.0	574.2	-62.2	512.0	715.4	-203.4
WEST JAVA TOTAL	0.0	203.7	-203.7	456.0	405.7	50.3	456.0	556.3	-100.3	456.0	706.8	-250.8
JAWA TOTAL	108.0	496.4	-298.4	968.0	838.7	129.3	968.0	1130.5	-100.0	968.0	1422.2	-451.2

APP. Table III-C-19

SURPLUS AND DEFICIT IN CASH FLOW-DISTRIBUTION BY PROJECT AREA

* COMMODITY OTHER INDUSTRY PRODUCTS DISTRIBUTED IN JAVA 1000MT

ZONE	1975		1940		1965		1990		1995						
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)					
(1) CILACAP	7.9	66.7	-58.8	15.1	87.7	-72.6	25.5	115.0	-87.5	38.1	138.2	-100.1	54.4	167.9	-113.5
(2) BANJARAS	5.5	57.8	-52.3	10.6	76.0	-65.4	17.7	97.4	-79.8	25.9	118.5	-92.6	36.0	142.8	-106.9
(3) PURBALINGGA	3.5	32.6	-29.0	6.8	42.9	-36.1	11.4	55.1	-43.7	17.0	67.3	-50.3	24.0	81.4	-57.5
(4) BANJARNEGARA	3.8	33.1	-29.3	7.4	43.7	-36.3	12.4	56.1	-43.7	18.6	68.7	-50.1	26.4	84.3	-56.9
(5) KERSURUG	3.4	28.7	-25.3	6.5	37.7	-31.3	10.9	48.6	-37.7	16.3	59.5	-43.2	23.3	72.3	-48.9
(6) TEMANGGUNG	3.9	27.1	-23.2	7.4	35.5	-28.1	12.8	46.0	-33.3	19.4	56.7	-37.3	28.1	69.5	-41.3
(7) MAGELANG	8.5	54.7	-46.2	16.3	71.8	-55.5	28.1	93.3	-65.2	43.0	115.4	-72.3	63.3	142.2	-78.9
(8) KOTA SALATIGA	15.4	51.1	-35.7	29.5	67.0	-37.5	51.4	88.2	-36.6	80.8	111.0	-30.2	121.2	139.7	-16.5
(9) BOYULALI	2.5	36.8	-34.3	4.0	51.0	-46.3	7.9	65.4	-57.6	11.4	75.5	-66.4	15.5	96.6	-80.6
(10) KUDUS	5.2	52.4	-47.2	10.0	68.9	-58.9	16.7	88.7	-71.9	24.8	106.4	-83.6	34.5	131.6	-96.7
(11) PURUKREJO	4.2	37.1	-32.9	8.1	48.9	-40.8	13.7	62.5	-45.2	20.4	77.1	-56.7	29.2	94.7	-64.5
(12) KLATEN	17.9	53.6	-35.7	33.5	70.5	-37.0	54.6	90.5	-35.9	82.7	110.5	-27.8	114.1	133.6	-19.5
(13) SUNGAIKUNTA	2.0	61.1	-59.1	5.4	79.8	-74.4	8.9	107.8	-98.9	12.8	135.8	-127.0	17.7	182.5	-164.8
(14) KARANGANYAR	3.6	27.0	-23.4	6.9	39.5	-32.6	11.3	43.5	-34.2	16.4	55.2	-38.8	22.6	60.6	-43.9
(15) KARANGMULYO	4.1	45.1	-41.0	4.1	64.6	-60.5	6.0	83.0	-76.2	9.8	101.3	-91.5	13.6	122.4	-108.8
(16) Sragen	4.1	35.6	-31.5	8.0	46.9	-38.8	14.6	60.5	-45.8	23.3	74.0	-50.1	37.1	89.9	-52.8
(17) BAWAN	5.3	38.8	-33.5	10.3	76.2	-65.9	18.8	97.8	-79.0	30.2	122.0	-91.8	46.1	143.0	-102.8
(18) Sleman	4.1	32.3	-28.1	8.2	42.7	-34.5	14.6	54.8	-40.2	23.6	66.6	-43.0	36.5	81.1	-44.5
(19) Gunung Kidul	5.4	34.5	-29.1	10.6	45.6	-35.0	18.8	58.5	-39.7	30.0	71.3	-41.2	45.6	86.6	-41.0
(20) Kulon Progo	14.0	20.6	-6.6	28.1	27.2	0.8	52.0	35.0	35.0	86.7	42.5	44.2	138.3	51.7	86.6
C.J. PROJECT AREA	125.2	622.6	-497.4	237.6	1120.0	-882.4	408.3	1448.1	-1035.3	631.5	1784.0	-1152.1	528.4	2184.4	-1256.0
C.J. OTHER AREA	92.9	347.8	-254.9	175.1	719.2	-544.1	295.0	935.3	-640.4	443.2	1159.5	-716.3	634.6	1432.0	-797.4
C.J. JAVA TOTAL	218.1	1400.4	-1134.3	412.7	1839.2	-1426.5	703.3	2383.5	-1675.7	1075.1	2943.5	-1868.3	1563.0	3616.4	-2053.4
(24) PALITAN	7.3	27.7	-20.3	14.5	36.3	-21.8	25.8	48.5	-22.6	41.3	61.5	-20.6	63.3	78.6	-15.3
(25) PUROROGO	4.3	41.0	-36.6	8.8	53.6	-44.8	15.3	71.2	-55.8	24.1	90.2	-66.0	36.2	113.1	-76.9
(26) TRENGGALEK	4.7	25.8	-21.1	4.3	39.1	-34.8	16.8	51.5	-35.0	27.4	65.9	-38.5	42.8	83.2	-40.4
(27) TULUNGAGUNG	4.0	43.1	-39.1	17.2	59.4	-52.2	31.9	74.5	-42.6	53.5	94.1	-40.5	85.5	117.7	-31.8
(28) ALDJATI	4.7	74.6	-69.8	9.2	98.7	-89.5	16.0	133.5	-117.9	25.0	174.3	-144.3	37.0	226.7	-189.8
(29) BLITAR	26.1	56.8	-30.7	32.6	74.5	-41.9	57.9	98.4	-0.7	164.0	124.6	35.5	263.2	156.2	107.0
(30) NGAWI	0.0	36.4	-36.4	0.0	50.2	-50.2	0.0	65.9	-65.9	0.0	82.8	-82.8	0.0	102.9	-102.9
(31) MAGERAN	0.0	31.9	-31.9	0.0	41.9	-41.9	0.0	55.8	-55.8	0.0	71.3	-71.3	0.0	90.5	-90.5
(32) MADIUN	0.0	43.3	-43.3	0.0	57.4	-57.4	0.0	78.1	-78.1	0.0	102.2	-102.2	0.0	133.7	-133.7
(33) NGANDUK	4.7	42.6	-37.9	9.2	59.9	-50.7	16.0	75.3	-57.2	25.0	91.8	-66.8	37.0	113.4	-76.5
(34) MALANG	26.1	130.7	-104.6	52.6	173.5	-120.9	57.8	236.3	-138.6	164.0	309.5	-145.5	263.2	405.7	-142.5
E.J. PROJECT AREA	86.7	500.0	-413.3	173.3	737.7	-564.3	317.6	987.8	-670.2	524.6	1268.5	-743.9	828.5	1621.7	-793.2
E.J. OTHER AREA	171.9	930.3	-758.4	344.2	1231.0	-886.9	633.8	1665.2	-1031.3	1052.0	2102.5	-1110.5	1665.8	2803.9	-1136.1
E.J. JAVA TOTAL	258.7	1490.3	-1231.6	517.5	1968.7	-1451.2	951.4	2652.9	-1701.5	1576.6	3431.0	-1854.4	2498.3	4427.6	-1929.3
EAST JAVA TOTAL	430.9	1600.2	-1257.4	915.9	3326.1	-1412.2	1631.1	3160.0	-1528.9	2604.2	4098.7	-1494.5	3931.9	5295.2	-1363.3
JAVA TOTAL	509.7	2779.0	-2067.3	1046.1	6136.0	-4289.9	3266.3	8196.4	-4910.1	5255.9	10473.1	-5217.2	7993.2	21333.9	-5346.0

APP. Table III-C-20

ZONE NU	SUPPLIES AND DEFICIT IN COMMODITY DISTRIBUTION ON PROJECT AREA											
	* Commodity						OTHER INDUSTRY PRODUCTS EXPORTED FROM JAVA					
	1975		1980		1985		1990		1995		10000Y	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
(1) CILACAP	15.9	0.0	15.9	19.1	23.7	0.0	23.7	28.9	0.0	28.9	34.9	0.0
(2) BANYUWAS	10.9	0.0	10.9	13.5	16.4	0.0	16.4	19.6	0.0	19.6	23.0	0.0
(3) PURBALINGGA	7.0	0.0	7.0	8.6	10.6	0.0	10.6	12.9	0.0	12.9	15.3	0.0
(4) PAJANGGARA	7.5	0.0	7.5	9.3	11.5	0.0	11.5	14.1	0.0	14.1	16.9	0.0
(5) KAMUSUBO	6.5	0.0	6.5	8.2	10.1	0.0	10.1	12.4	0.0	12.4	15.0	0.0
(6) TEMANGGUNG	7.5	0.0	7.5	9.4	11.9	0.0	11.9	14.7	0.0	14.7	18.1	0.0
(7) PAGELANG	16.7	0.0	16.7	20.6	26.2	0.0	26.2	32.7	0.0	32.7	40.7	0.0
(8) ALIA, SALATIGA	22.0	0.0	22.0	26.9	34.7	0.0	34.7	44.4	0.0	44.4	56.5	0.0
(9) BOYALALI	7.9	0.0	7.9	9.7	11.8	0.0	11.8	14.3	0.0	14.3	17.0	0.0
(10) NEDUREN	11.7	0.0	11.7	14.5	17.9	0.0	17.9	21.9	0.0	21.9	26.3	0.0
(11) PUPUHREJU	8.6	0.0	8.6	10.9	13.6	0.0	13.6	16.7	0.0	16.7	20.1	0.0
(12)* ALATUN	11.2	0.0	11.2	13.9	16.9	0.0	16.9	20.5	0.0	20.5	24.4	0.0
(13,14) SUKOHARJO	49.4	0.0	49.4	64.8	84.1	0.0	84.1	105.1	0.0	105.1	129.1	0.0
(15) NARASARAYAK	4.9	0.0	4.9	6.0	7.3	0.0	7.3	8.7	0.0	8.7	10.2	0.0
(16) BANGGUNI	10.2	0.0	10.2	12.7	15.2	0.0	15.2	18.8	0.0	18.8	22.3	0.0
(17) SPAGER	8.3	0.0	8.3	10.2	12.7	0.0	12.7	15.5	0.0	15.5	18.7	0.0
(23) PANTOL	32.0	0.0	32.0	42.0	50.9	0.0	50.9	62.7	0.0	62.7	73.6	0.0
(23) SLEMAN	5.5	0.0	5.5	6.8	8.2	0.0	8.2	9.7	0.0	9.7	11.3	0.0
(23) GUAJUNG KIRUL	7.1	0.0	7.1	8.7	10.5	0.0	10.5	12.5	0.0	12.5	14.4	0.0
(23) KULIA PRUGU	4.2	0.0	4.2	5.2	6.3	0.0	6.3	7.5	0.0	7.5	8.7	0.0
C.J. PROJECT AREA	249.1	0.0	249.1	305.4	381.4	0.0	381.4	472.4	0.0	472.4	576.4	0.0
C.J. OTHER AREA	175.2	0.0	175.2	215.1	273.1	0.0	273.1	343.3	0.0	343.3	428.3	0.0
CENT JAVA TOTAL	424.2	0.0	424.2	520.5	654.7	0.0	654.7	815.7	0.0	815.7	1004.8	0.0
(24) PACITAN	8.0	0.0	8.0	10.2	13.0	0.0	13.0	16.1	0.0	16.1	23.5	0.0
(25) PURUGUS	10.3	0.0	10.3	13.3	17.5	0.0	17.5	22.9	0.0	22.9	29.6	0.0
(26) TELUNGGALEN	9.1	0.0	9.1	10.5	13.6	0.0	13.6	17.9	0.0	17.9	23.5	0.0
(27) TULUNGAGUNG	10.5	0.0	10.5	13.4	17.2	0.0	17.2	22.8	0.0	22.8	29.3	0.0
(27) REDISI	27.4	0.0	27.4	35.3	48.4	0.0	48.4	65.8	0.0	65.8	85.2	0.0
(29) BLITAR	14.5	0.0	14.5	18.3	24.0	0.0	24.0	31.4	0.0	31.4	40.7	0.0
(30) NGARI	8.8	0.0	8.8	11.1	14.3	0.0	14.3	18.3	0.0	18.3	23.2	0.0
(30) MAGETAN	9.2	0.0	9.2	11.8	15.7	0.0	15.7	20.8	0.0	20.8	27.5	0.0
(31) MADURAH	18.0	0.0	18.0	21.7	29.7	0.0	29.7	40.6	0.0	40.6	55.4	0.0
(32) WONOREJO	9.5	0.0	9.5	11.6	14.9	0.0	14.9	19.0	0.0	19.0	23.7	0.0
(36) MALANG	51.2	0.0	51.2	66.1	91.1	0.0	91.1	124.5	0.0	124.5	165.8	0.0
E.J. PROJECT AREA	174.3	0.0	174.3	223.1	300.3	0.0	300.3	402.1	0.0	402.1	535.7	0.0
E.J. OTHER AREA	333.1	0.0	333.1	428.7	585.5	0.0	585.5	794.3	0.0	794.3	1074.1	0.0
WEST JAVA TOTAL	507.4	0.0	507.4	651.8	885.8	0.0	885.8	1196.4	0.0	1196.4	1609.8	0.0
WEST JAVA TOTAL	643.6	0.0	643.6	850.7	1150.7	0.0	1150.7	1520.3	0.0	1520.3	2538.1	0.0
JAVA TOTAL	1175.3	0.0	1175.3	1523.0	2060.7	0.0	2060.7	2988.6	0.0	2988.6	4152.7	0.0

App. Table IIID-1

POPULATION FORECAST (1975-1995) BY KABUPATEN

West Java incl. D.K.I. Jakarta

	(1000 person)														
	1975			1980			1985			1990			1995		
	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural	Total
1.0 D.K.I. Jakarta	5,800	-	5,800	7,531	-	7,531	8,598	-	8,598	9,784	-	9,784	11,066	-	11,066
2.0 West Java															
2.1 Pandeglang	45	574	619	51	627	678	64	686	750	82	742	824	104	795	899
2.2 Serang	69	862	931	78	940	1,018	99	1,028	1,127	125	1,113	1,238	159	1,192	1,351
2.3 Lebak	42	554	596	47	604	651	60	661	721	76	716	792	97	766	863
2.4 Bekasi	51	841	892	57	918	975	73	1,004	1,077	92	1,087	1,179	117	1,163	1,280
2.5 Krawang	69	1,026	1,095	78	1,119	1,197	99	1,224	1,323	125	1,325	1,450	159	1,419	1,578
2.6 Purwakarta	57	349	406	64	381	445	81	416	497	103	450	553	131	482	613
2.7 Tangerang	84	1,067	1,151	95	1,164	1,259	120	1,273	1,393	152	1,378	1,530	194	1,476	1,670
2.8 Subang	48	923	971	54	1,007	1,061	68	1,102	1,170	87	1,193	1,280	111	1,277	1,388
2.9 Bogor	218	1,805	2,023	246	1,970	2,216	313	2,154	2,467	397	2,332	2,729	504	2,497	3,001
2.10 Sukabumi	108	1,313	1,421	122	1,433	1,555	154	1,567	1,721	196	1,696	1,892	249	1,816	2,065
2.11 Cianjur	161	1,067	1,228	182	1,164	1,346	231	1,273	1,504	293	1,378	1,671	373	1,476	1,849
2.12 Bandung	1,428	2,052	3,480	1,610	2,239	3,849	2,042	2,448	4,490	2,592	2,650	5,242	3,296	2,838	6,134
2.13 Sumedang	39	657	696	44	716	760	56	783	839	71	848	919	90	908	998
2.14 Garut	93	1,210	1,303	105	1,321	1,426	133	1,444	1,577	168	1,564	1,732	214	1,674	1,888
2.15 Tasikmalaya	101	1,333	1,434	115	1,455	1,570	146	1,591	1,737	185	1,723	1,908	235	1,844	2,079
2.16 Ciamis	96	1,231	1,327	108	1,343	1,451	137	1,469	1,606	174	1,590	1,764	221	1,703	1,924
2.17 Cirebon	198	1,128	1,326	223	1,231	1,454	283	1,346	1,629	359	1,458	1,817	456	1,561	2,017
2.18 Kuningan	36	677	713	40	739	779	51	808	859	65	875	940	83	936	1,019
2.19 Indramayu	33	1,026	1,059	37	1,119	1,156	47	1,224	1,271	60	1,325	1,385	76	1,419	1,495
2.20 Majalengka	18	821	839	20	896	916	26	979	1,005	33	1,060	1,093	41	1,135	1,176
Total	8,794	20,516	29,310	10,907	22,386	33,293	12,881	24,480	37,361	15,219	26,503	41,722	17,976	28,377	46,353

Remarks Kabupaten(regency) covers kotamadia(municipality) of the same name

App. Table IIID-2 POPULATION FORECAST (1975-1995) BY KABUPATEN
Central Java incl. D.I. Yogyakarta

	(1000 person)														
	1975			1980			1985			1990			1995		
	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural	Total
3.0 Central Java	18	1,127	1,145	19	1,236	1,255	22	1,319	1,340	26	1,387	1,413	31	1,446	1,477
3.1 Banyuwangi	23	616	639	24	677	701	29	721	750	34	759	793	40	791	831
3.2 Purbalingga	66	1,233	1,299	71	1,353	1,424	83	1,442	1,525	97	1,518	1,615	115	1,582	1,697
3.3 Cilacap	30	616	646	33	677	710	38	721	759	45	759	804	53	791	844
3.4 Banjarnegara	118	914	1,032	128	1,003	1,131	150	1,069	1,219	175	1,126	1,301	209	1,173	1,382
3.5 Magelang	48	468	516	52	513	565	61	547	608	71	576	647	84	600	684
3.6 Temanggung	28	531	559	30	583	613	35	622	657	41	655	696	49	682	731
3.7 Wonorejo	40	680	720	44	747	791	51	796	847	60	838	898	71	873	944
3.8 Purworejo	45	978	1,023	49	1,073	1,122	57	1,144	1,201	67	1,204	1,271	80	1,255	1,335
3.9 Kebumen	118	595	713	128	653	781	150	696	846	176	733	909	209	764	973
3.10 Pekalongan	61	808	869	65	886	951	76	945	1,021	90	995	1,085	107	1,038	1,145
3.11 Pemalang	113	935	1,048	123	1,026	1,149	143	1,094	1,237	168	1,152	1,320	200	1,200	1,400
3.12 Tegal	48	1,084	1,132	52	1,190	1,242	61	1,268	1,329	71	1,335	1,406	84	1,391	1,475
3.13 Brebes	38	468	506	41	513	554	48	547	595	56	576	632	67	600	667
3.14 Batang	865	638	1,503	935	700	1,635	1,091	746	1,837	1,282	785	2,067	1,523	818	2,341
3.15 Semarang	18	702	720	19	770	789	22	820	842	26	864	890	31	900	931
3.16 Kendal	33	616	649	35	677	712	41	721	762	49	759	808	58	791	849
3.17 Demak	25	935	960	27	1,026	1,053	32	1,094	1,126	37	1,152	1,189	44	1,200	1,244
3.18 Grabngan	40	872	912	44	956	1,000	51	1,019	1,070	60	1,073	1,133	71	1,118	1,189
3.19 Pati	40	595	635	44	653	697	51	696	747	60	733	793	71	764	835
3.20 Jépara	28	361	389	30	397	427	35	423	458	41	445	486	49	464	513
3.21 Rembang	38	638	676	41	700	741	48	746	794	56	785	841	67	818	885
3.22 Blora	43	446	489	46	490	536	54	522	576	63	550	613	76	573	649
3.23 Kudus	33	1,020	1,053	35	1,120	1,155	41	1,193	1,234	49	1,256	1,305	58	1,309	1,367
3.24 Klaten	20	744	764	22	816	838	25	870	895	30	916	946	36	955	991
3.25 Boyolali	35	659	694	38	723	761	45	771	816	52	812	864	62	846	908
3.26 Stagen	474	510	984	512	560	1,072	598	597	1,195	703	628	1,331	835	655	1,490
3.27 Sukoharjo	5	531	536	5	583	588	6	622	628	7	654	661	9	682	691
3.28 Karanganyar	30	935	965	33	1,026	1,059	38	1,094	1,132	45	1,152	1,197	53	1,200	1,253
3.29 Wonogiri															
4.0 D.I. Yogyakarta															
4.1 Bantul	395	562	977	418	642	1,060	446	687	1,133	496	725	1,221	529	765	1,293
4.2 Sleman	-	644	644	-	710	710	-	760	760	-	802	802	-	847	847
4.3 Gunung Kidul	19	660	679	20	728	748	21	780	801	23	823	846	24	869	893
4.4 Kulon Progo	11	395	406	12	435	447	13	466	479	14	491	505	15	518	533
Total	2,946	23,536	26,482	3,175	25,942	29,017	3,662	27,557	31,219	4,270	29,018	33,288	5,009	30,278	35,257

Remarks Kabupaten(regency) covers kotamadia (municipality) of the same name

Kab.Semarang covers kota.Salatiga

Kab.Sukoharjo covers kota.Surakarta

Kab.Bantul covers kota.Yogyakarta

App. Table IIID-3 POPULATION FORECAST (1975-1995) BY KABUPATEN

East Java

	(1000 person)														
	1975			1980			1985			1990			1995		
	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural	Total
5.0 East Java	1,740	617	2,357	2,045	668	2,713	2,602	722	3,324	3,328	774	4,102	4,295	816	5,111
5.1 Surabaya	44	688	732	52	745	797	66	805	871	85	863	948	109	910	1,019
5.2 Sidoarjo	64	640	704	76	693	769	96	750	846	123	804	927	159	848	1,007
5.3 Mojokerto	48	830	878	57	899	956	72	972	1,044	92	1,042	1,134	119	1,099	1,219
5.4 Jombang	73	854	927	85	924	1,009	108	1,000	1,108	138	1,071	1,209	179	1,130	1,309
5.5 Bojonegoro	52	759	811	61	822	883	78	888	966	100	952	1,052	129	1,004	1,133
5.6 Tuban	36	949	985	43	1,027	1,070	54	1,111	1,165	69	1,190	1,259	89	1,256	1,345
5.7 Lamongan	149	641	790	175	693	868	222	750	972	284	804	1,088	367	847	1,214
5.8 Madiun	36	712	748	43	770	813	54	833	887	69	893	962	89	942	1,031
5.9 Ngawi	60	546	606	71	591	662	90	639	729	115	685	800	149	722	871
5.10 Magetan	56	735	791	66	796	862	84	861	945	108	923	1,031	139	973	1,112
5.11 Ponorogo	52	474	526	61	513	574	78	555	633	100	595	695	129	628	757
5.12 Pacitan	233	1,139	1,372	274	1,232	1,506	349	1,333	1,682	446	1,429	1,875	575	1,507	2,082
5.13 Kediri	32	807	839	38	873	911	48	944	992	62	1,012	1,074	79	1,067	1,146
5.14 Nganjuk	76	1,020	1,096	90	1,104	1,194	114	1,194	1,308	146	1,280	1,426	189	1,349	1,538
5.15 Blitar	52	783	835	61	847	908	78	916	994	100	982	1,082	129	1,036	1,165
5.16 Tulungagung	48	522	570	57	565	622	72	611	683	92	655	747	119	691	810
5.17 Trenggalek	458	1,922	2,380	538	2,080	2,618	685	2,249	2,934	876	2,411	3,287	1,131	2,543	3,674
5.18 Malang	80	949	1,029	94	1,027	1,121	120	1,111	1,231	154	1,190	1,344	198	1,256	1,454
5.19 Pasuruan	89	830	919	104	899	1,003	132	972	1,104	169	1,042	1,211	218	1,099	1,317
5.20 Probolinggo	81	783	864	94	847	941	121	916	1,037	154	982	1,136	198	1,036	1,234
5.21 Lumajang	48	546	594	57	591	648	72	639	711	92	685	777	119	722	841
5.22 Bondowoso	36	474	510	43	513	556	54	555	609	69	595	664	89	628	717
5.23 Situbondo	114	1,732	1,846	132	1,874	2,006	169	2,027	2,196	215	2,173	2,388	278	2,292	2,570
5.24 Jember	77	1,352	1,429	90	1,463	1,553	115	1,583	1,698	146	1,696	1,842	189	1,789	1,978
5.25 Banyuwangi	52	451	503	61	488	549	78	528	606	100	564	664	129	596	725
5.26 Pamekasan	60	522	582	71	565	636	90	611	701	115	655	770	149	691	840
5.27 Sampang	32	807	839	38	873	911	48	944	992	62	1,012	1,074	79	1,067	1,146
5.28 Sumenep	40	640	680	47	693	740	60	750	810	77	804	881	99	848	947
5.29 Bangkalan															
Total	4,018	23,724	27,742	4,774	25,675	30,399	6,009	27,769	33,778	7,686	29,763	37,449	9,919	31,392	41,311

Remarks Kabupaten (regency) covers kotamadia (municipality) of the same name

App. Table IITB-1 SURPLUS AND DEFICIT OF AGRICULTURAL PRODUCTS BY KABUPATEN (1975-1995)

KABUPATEN*	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
1 0 D.K.I. JAKARTA	20.0	655.4	-635.4	20.0	873.6	-853.6	19.0	1023.2	-1004.2	17.0	1153.6	-1176.6	15.0	1383.3	-1368.3
2 1 PANDEGLANG	135.5	65.5	69.6	160.3	78.6	81.6	182.6	89.3	93.3	197.5	100.5	56.5	205.8	112.4	97.4
2 2 SEKANG	150.2	105.2	45.0	172.6	118.1	54.5	196.6	136.1	62.5	212.6	151.0	61.6	225.5	168.9	57.0
2 3 LEBAK	82.3	67.3	15.0	94.5	75.5	19.0	107.7	89.8	21.9	116.4	56.6	19.8	123.7	107.9	15.8
2 4 BEKASI	153.2	100.8	92.4	221.9	113.1	108.8	252.8	128.2	124.7	273.4	143.8	125.6	250.5	160.0	130.5
2 5 KARANG	254.1	123.7	230.4	406.9	138.9	268.0	463.5	157.4	306.1	501.2	178.5	324.3	532.5	197.3	335.3
2 6 PURWAKARTA	57.2	45.9	11.4	65.8	51.6	14.1	74.9	59.1	15.8	81.0	67.5	13.5	86.1	76.6	9.4
2 7 TANGERANG	143.1	130.1	13.0	164.4	146.0	18.4	187.3	165.8	21.5	202.2	186.7	15.5	215.2	208.8	6.4
2 8 SUBANG	268.3	105.7	158.6	308.3	123.1	185.2	351.1	139.2	211.9	379.7	156.2	223.6	403.4	173.5	229.9
2 9 BOGOR	182.4	228.6	-46.2	209.6	257.1	-47.4	238.8	293.6	-54.8	258.2	332.5	-74.7	274.3	375.1	-100.8
2 10 SUKABUMI	161.0	160.6	0.4	184.9	180.4	4.6	210.7	204.8	5.9	227.6	230.8	-3.0	242.1	258.1	-16.1
2 11 CIANJUR	200.3	138.8	61.5	230.2	156.1	74.0	262.2	179.0	83.2	283.5	203.5	75.7	301.2	231.1	70.1
2 12 BANDUNG	239.7	353.2	-153.6	275.4	446.5	-171.1	313.7	534.3	-220.6	329.2	639.5	-300.3	360.4	766.8	-406.4
2 13 SUMEDANG	121.6	78.6	43.0	139.7	88.2	51.6	159.2	99.8	59.3	172.1	112.1	60.0	182.5	124.8	58.1
2 14 GARUT	196.7	147.2	49.5	226.0	165.4	60.6	257.5	187.7	69.8	278.5	211.3	67.2	295.8	230.0	59.8
2 15 TASIKMALAYA	189.6	162.0	27.5	217.8	182.1	35.7	248.1	206.7	41.4	268.3	232.8	35.6	285.1	259.9	25.2
2 16 CIAMIS	211.0	150.0	61.1	242.5	168.3	74.2	276.2	191.1	85.1	298.7	215.2	83.5	317.4	240.5	76.9
2 17 CIREBON	153.8	145.8	8.0	176.7	168.7	8.0	201.3	193.9	7.5	217.7	221.7	-4.0	231.3	226.1	-5.2
2 18 KUNINGAN	56.6	80.6	16.0	111.0	90.4	20.6	126.4	102.2	24.2	126.7	114.7	22.0	145.2	127.4	17.9
2 19 INDRAMAYU	253.3	119.7	173.6	337.0	134.1	202.9	383.9	151.2	232.7	415.2	165.0	248.2	441.1	186.9	254.2
2 20 MAJALENGKA	143.1	94.8	48.3	164.4	106.3	58.1	187.3	119.6	67.7	202.5	133.3	69.2	215.2	147.0	68.2
WEST JAVA AND D.K.I. JAKARTA	2557.0	3312.0	285.0	4130.0	3862.0	268.0	4701.0	4436.0	255.0	5080.0	5050.0	-10.0	5354.0	5194.0	160.0

REMARKS
 (1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)
 * KABUPATEN (REGENCY) COVERS KOTAMADYA (MUNICIPALITY) OF THE SAME NAME

CENTRAL JAVA
* COMMODITY RICE (BERAS), MILLED

1COCHMT

KAPUPATEN*	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
3 1 BANYUMAS	117.5	125.4	-11.9	126.8	145.6	-18.8	144.2	159.5	-15.2	155.7	172.4	-16.7	165.4	184.6	-19.3
3 2 PURBALINGGA	61.4	72.2	-10.8	66.3	81.3	-15.0	75.4	89.3	-13.9	81.4	96.7	-15.3	86.4	103.9	-17.4
3 3 CILACAP	200.3	146.8	53.5	216.1	165.2	51.0	245.8	181.5	64.4	265.4	197.0	68.4	281.8	214.1	69.7
3 4 BANJARNEGARA	42.7	73.0	-30.3	46.1	82.4	-36.2	52.4	90.2	-37.9	56.6	98.1	-41.5	60.1	105.5	-45.4
3 5 MAGELANG	88.1	116.6	-28.5	95.1	131.2	-36.1	108.2	145.1	-36.9	116.8	158.7	-41.9	124.0	172.8	-48.7
3 6 TEGAYUNGAN	56.1	58.3	-2.2	60.5	65.5	-5.0	68.8	72.4	-3.5	74.3	78.5	-4.2	78.5	85.5	-6.6
3 7 WONOSOBO	40.0	63.2	-23.1	43.2	71.1	-27.9	49.2	78.2	-29.0	53.1	84.5	-31.4	56.4	91.4	-35.0
3 8 PURWOREJO	53.4	81.4	-28.0	100.9	91.8	9.1	114.7	100.8	13.9	123.5	105.6	17.9	131.5	118.0	13.5
3 9 KEBUMEN	128.2	115.6	12.6	138.3	130.2	8.2	157.3	142.9	14.4	169.5	155.1	14.4	180.4	166.9	13.5
3 10 PEKALONGAN	82.8	80.6	2.2	89.3	90.6	-1.3	101.6	100.7	0.9	109.7	110.5	-0.8	116.5	121.6	-5.1
3 11 PEMALANG	105.5	98.2	7.3	118.2	110.3	7.9	134.4	121.5	12.9	145.1	132.4	12.7	154.1	143.1	11.0
3 12 TEGAL	104.1	118.4	-14.3	112.4	133.3	-20.9	127.8	147.2	-19.4	138.0	161.0	-23.0	146.6	175.0	-28.4
3 13 BREBES	136.2	127.9	8.3	147.0	144.1	2.9	167.2	158.2	9.0	180.5	171.2	9.3	191.7	184.4	7.3
3 14 BATANG	56.1	57.2	-1.1	60.5	64.3	-3.7	68.8	70.8	-2.0	74.3	77.1	-2.8	78.9	83.4	-4.5
3 15 SEMARANG	74.8	169.8	-95.0	80.7	189.7	-109.0	91.8	218.6	-126.8	99.1	252.2	-153.1	105.2	292.6	-187.4
3 16 KENDAL	77.4	81.4	-3.9	83.6	91.5	-7.9	95.1	100.2	-5.1	102.6	108.6	-6.0	109.0	116.4	-7.4
3 17 DEMAK	117.5	73.3	44.2	126.8	82.6	44.2	144.2	90.7	53.6	155.7	98.6	57.1	165.4	106.1	59.2
3 18 GRABANG	133.5	108.5	25.0	144.1	122.1	22.0	163.9	134.0	29.9	176.5	145.1	31.5	187.5	155.5	32.0
3 19 PATI	112.1	103.1	9.0	121.0	116.0	5.0	137.7	127.3	10.3	148.6	138.2	10.4	157.8	148.6	9.2
3 20 JEPARA	74.8	71.8	3.0	80.7	80.9	-0.2	91.8	88.5	3.3	99.1	96.7	2.4	105.2	104.4	0.8
3 21 REMBANG	61.4	54.0	7.4	66.3	49.5	16.8	75.4	54.5	20.9	81.4	59.3	22.1	86.4	64.1	22.3
3 22 BLORA	82.8	76.4	6.4	89.3	86.0	3.4	101.6	94.5	7.1	109.7	102.6	7.1	116.5	110.6	5.9
3 23 KUDUS	29.4	55.3	-25.9	31.7	62.2	-30.5	36.1	68.5	-32.5	38.9	74.8	-35.9	41.3	81.1	-39.8
3 24 KLATEN	112.1	115.0	-2.9	121.0	134.0	-12.9	137.7	146.8	-9.2	148.6	155.2	-6.6	157.8	170.9	-13.0
3 25 BAYALAL	65.4	86.3	-20.9	74.9	97.2	-22.3	85.2	106.5	-21.3	92.0	115.4	-23.4	97.7	123.9	-26.2
3 26 SRAGEN	168.2	78.4	89.8	181.6	88.3	93.3	206.5	97.1	109.4	223.0	105.4	117.5	236.8	113.5	123.3
3 27 SUNOHARJO	66.8	111.2	-44.4	72.0	124.4	-52.3	81.9	142.2	-60.3	88.5	162.4	-73.9	93.5	186.3	-92.8
3 28 KARANGANYAR	66.8	60.6	6.2	72.0	68.2	3.8	81.9	74.7	7.2	88.5	80.6	7.9	93.5	86.4	7.6
3 29 WONOGIRI	106.8	109.0	-2.2	115.3	122.8	-7.6	131.1	134.7	-3.6	141.6	146.0	-4.5	150.3	156.6	-6.3
4 1 BANTUL	62.4	110.4	-48.0	67.6	123.0	-55.4	76.7	134.8	-58.1	82.5	149.0	-66.5	88.1	161.6	-73.5
4 2 SLEMAN	109.0	72.8	36.2	118.0	82.4	35.6	133.8	90.4	43.4	144.8	97.8	47.0	153.8	105.9	47.9
4 3 GUNUNG KIDUL	85.0	76.7	8.3	96.4	86.8	9.6	109.3	95.3	14.0	118.3	103.2	15.1	125.7	111.6	14.0
4 4 KULON PROGO	28.6	45.5	-17.3	31.0	51.9	-20.9	35.1	57.0	-21.9	38.0	61.6	-23.6	40.4	66.6	-26.2

HH-107

CENTRAL JAVA 2955.0 2992.5 -33.5 3195.0 3366.0 -171.0 3633.0 3715.1 -82.1 3923.0 4061.1 -138.1 4166.0 4410.9 -244.9
AND D.1.YOGYAKARTA

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)
* KABUPATEN (REGENCY) COVERS KOTAWADIA (MUNICIPALITY) OF THE SAME NAME
KAB. SEMARANG COVERS KOJA, SALATIGA
KAB. SUKOHARJO COVERS KOTA, SURAKARTA
KAB. PANTUL COVERS KOTA, YOGYAKARTA

App. Table IIIE-3

SURPLUS AND DEFICIT OF AGRICULTURAL PRODUCTS BY KABUPATEN (1975-1995)

EAST JAVA

* COMMODITY RICE (BERAS), MILLED

ICOMI

	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
5 1 SURABAYA	112.2	266.3	-154.1	125.2	314.7	-189.5	138.8	355.6	-256.8	150.2	500.4	-350.2	155.7	638.9	-479.1
5 2 SIDHARJO	83.6	82.7	0.8	93.2	92.5	0.7	103.3	103.6	-0.4	111.8	115.7	-3.9	118.5	127.4	-8.5
5 3 MOJOKERTO	83.6	79.6	4.0	93.2	89.2	3.9	103.3	100.7	2.6	111.8	113.1	-1.3	118.5	125.9	-7.0
5 4 JOMBANG	101.6	55.2	2.6	113.5	110.9	2.6	125.9	124.2	1.7	136.2	138.3	-2.1	144.5	152.3	-7.4
5 5 BOJONEGORO	117.5	104.8	12.7	131.0	117.0	14.0	145.2	131.5	13.4	157.2	147.5	5.7	167.2	163.6	3.5
5 6 TUBAN	95.2	51.6	7.6	110.6	102.4	8.2	122.7	115.0	7.7	132.7	128.3	4.4	141.2	141.6	-0.5
5 7 LAMONGAN	164.5	111.3	53.2	183.4	124.1	59.3	203.4	138.6	64.7	220.1	152.6	66.5	234.0	163.1	65.9
5 8 MADIUN	73.1	89.3	-16.2	81.5	100.7	-19.2	90.4	115.7	-25.3	57.8	132.7	-34.5	104.0	151.8	-47.7
5 9 NGAWI	122.7	84.5	38.2	136.8	94.3	42.5	151.7	105.6	46.2	164.2	117.4	46.8	174.6	128.5	45.7
5 10 MACETAN	54.8	68.5	-13.6	61.1	76.8	-15.7	67.8	86.8	-19.0	73.4	57.4	-24.2	78.0	108.9	-30.9
5 11 PONOREGO	57.4	89.4	-31.9	64.0	100.0	-35.9	71.0	112.5	-41.4	76.8	125.8	-48.5	81.7	135.0	-57.3
5 12 PACITAN	57.4	55.4	-2.0	64.0	66.6	-2.5	71.0	75.2	-4.3	76.8	84.8	-7.9	81.7	94.6	-12.9
5 13 KEDIRI	55.2	155.0	-99.8	110.6	174.7	-64.1	122.7	200.2	-77.5	132.7	228.8	-96.1	141.2	260.3	-119.1
5 14 NGANJUK	51.4	54.8	-3.4	101.9	105.7	-3.8	113.0	118.0	-5.1	122.3	131.0	-8.8	130.0	143.3	-13.2
5 15 ELITAR	86.2	123.8	-37.7	96.1	138.5	-42.4	106.5	155.7	-49.1	115.3	174.0	-58.7	122.6	152.3	-69.7
5 16 TULUNGAGUNG	45.6	54.4	-8.8	55.3	105.3	-50.0	61.3	118.3	-57.0	66.4	132.0	-65.6	70.6	145.6	-75.0
5 17 TRENGGALEK	31.3	64.4	-33.1	34.9	72.2	-37.2	38.7	81.3	-42.5	41.5	51.1	-45.2	44.6	101.3	-56.7
5 18 MALANG	143.6	268.9	-125.3	160.1	303.7	-143.6	177.5	349.1	-171.6	192.1	401.0	-208.9	204.3	459.3	-254.9
5 19 PASURUAN	125.3	116.3	9.1	139.7	130.0	9.7	154.9	146.5	8.5	167.7	164.0	3.7	178.3	181.8	-3.4
5 20 PROBOLINGGO	83.6	103.8	-20.3	93.2	116.3	-23.2	103.3	131.4	-28.1	111.8	147.7	-36.0	118.5	164.6	-45.7
5 21 LUMAJANG	104.4	57.6	46.8	116.4	109.2	7.3	129.1	123.4	5.7	139.7	128.6	11.1	148.6	154.3	-5.7
5 22 BONDOWOSO	70.5	67.1	3.4	78.6	75.2	3.4	87.2	84.6	2.5	94.3	94.8	-0.5	100.3	105.1	-4.8
5 23 SITUBONDO	45.6	57.6	-12.0	55.3	64.5	-9.2	61.3	72.5	-11.1	66.4	81.0	-14.6	70.6	89.6	-19.0
5 24 JEMBER	185.4	208.6	-23.2	206.7	232.7	-26.0	225.9	261.2	-35.3	248.0	251.2	-3.2	263.8	321.3	-57.5
5 25 EYUNWANGI	153.2	161.5	8.3	171.5	180.1	8.6	189.9	202.1	12.2	208.0	224.7	16.7	234.9	247.3	-22.4
5 26 PAMEKASAN	33.5	56.8	-23.3	37.8	63.7	-25.9	42.0	72.1	-30.2	45.4	81.0	-35.6	48.3	50.6	-42.3
5 27 SAMPANG	41.8	65.8	-24.0	46.6	73.8	-27.2	51.6	83.4	-31.8	55.5	93.5	-38.1	59.4	105.0	-45.6
5 28 SUMENEP	26.6	54.8	-28.2	40.8	105.7	-64.9	45.2	118.0	-72.9	48.5	131.0	-82.5	52.0	143.3	-91.2
5 29 BANGKALAN	57.4	76.8	-19.4	64.0	85.8	-21.8	71.0	96.4	-25.4	76.8	107.5	-30.6	81.7	118.4	-36.6
EAST JAVA	2611.0	3134.8	-523.8	2911.0	3526.3	-615.3	3228.0	4019.6	-791.6	3453.0	4568.0	-1115.0	3715.0	5163.9	-1448.9

HH-108

App. Table IIIE-4

SURPLUS AND DEFICIT OF AGRICULTURAL PRODUCTS, BY KABUPATEN (1975-1985)

WEST JAVA

* COMMODITY MAIZE (JAGUNG), SHELLED

ICCOMI

KABUPATEN*	1975			1980			1985			1985					
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)			
1 0 C.K.L. JAKARTA	0.0	152.5	-152.5	0.0	199.6	-199.6	0.0	229.6	-229.6	C.C.	263.2	-263.2	C.C.	299.9	-299.9
2 1 PANDEGLANG	2.6	16.3	-13.7	3.2	18.0	-14.8	3.9	20.0	-16.1	4.7	22.2	-17.4	5.8	24.4	-18.6
2 2 SERANG	3.1	24.5	-21.4	3.8	27.0	-23.2	4.7	30.1	-25.4	5.7	33.3	-27.6	7.0	36.6	-29.6
2 3 LEBAK	3.0	15.7	-12.7	3.7	17.3	-13.6	4.5	19.3	-14.7	5.5	21.3	-15.8	6.7	23.4	-16.7
2 4 BEKASI	2.9	23.5	-20.6	3.5	25.8	-22.4	4.3	28.8	-24.4	5.2	31.7	-26.5	6.4	34.7	-28.3
2 5 KRAWANG	4.2	28.8	-24.6	5.1	31.7	-26.6	6.4	35.3	-28.9	7.7	39.0	-31.3	9.5	42.8	-33.3
2 6 PURWAKARTA	1.6	10.7	-9.0	2.0	11.8	-9.8	2.5	13.3	-10.8	3.0	14.5	-11.5	3.7	16.6	-13.0
2 7 TANGERANG	2.7	30.3	-27.6	3.3	33.4	-30.0	4.1	37.2	-33.1	5.0	41.2	-36.2	6.1	45.3	-39.2
2 8 SUEANG	6.1	25.5	-19.4	7.5	28.1	-20.6	9.3	31.2	-22.0	11.3	34.4	-23.2	13.7	37.6	-23.9
2 9 BOGOR	3.1	53.2	-50.1	3.8	58.7	-54.9	4.7	65.5	-61.1	5.7	73.4	-67.7	7.0	81.3	-74.3
2 10 SUKABUMI	5.6	37.4	-31.8	6.8	41.2	-34.4	8.4	46.0	-37.5	10.2	50.5	-40.6	12.5	58.0	-43.5
2 11 CTANJUR	4.4	32.3	-27.9	5.3	35.7	-30.4	6.6	40.2	-33.6	8.0	44.5	-36.5	9.8	50.1	-40.3
2 12 BANDUNG	15.5	91.5	-71.7	24.2	102.0	-77.8	30.1	119.9	-89.8	36.5	141.0	-104.5	44.5	166.2	-121.7
2 13 SUMEDANG	10.3	18.3	-8.0	12.6	20.1	-7.5	15.7	22.4	-6.7	19.0	24.7	-5.7	23.2	27.0	-3.9
2 14 GARUT	28.7	34.3	-5.6	35.0	37.8	-2.8	42.5	42.1	1.4	52.7	46.6	6.2	64.4	51.2	13.2
2 15 TASIKMALAYA	8.7	37.7	-29.0	10.6	41.6	-31.0	13.2	46.4	-33.2	16.0	51.3	-35.3	19.5	56.3	-36.8
2 16 CIAMIS	6.7	34.9	-26.2	10.6	38.5	-27.8	13.2	42.9	-29.7	16.0	47.5	-31.5	19.5	52.1	-32.6
2 17 CIKEBOH	2.6	34.5	-32.3	3.2	38.5	-35.4	3.9	43.5	-39.6	4.7	48.5	-44.1	5.8	54.7	-48.9
2 18 KUNINGAN	4.5	18.8	-14.3	5.5	20.6	-15.2	6.8	22.5	-16.1	8.2	25.2	-17.0	10.1	27.6	-17.5
2 19 INDRAMAYU	5.0	27.5	-22.8	6.1	30.6	-24.5	7.6	33.9	-26.3	9.2	37.3	-28.0	11.3	40.5	-29.2
2 20 MAJALENGKA	8.3	22.1	-13.8	10.1	24.3	-14.1	12.6	26.8	-14.5	15.2	29.4	-14.2	18.6	31.9	-13.3

WEST JAVA AND D.K.I.-JAKARTA 136.0 770.5 -634.9 166.0 882.3 -716.3 206.0 997.5 -751.5 250.0 1122.3 -872.3 305.0 1256.2 -951.2

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)
* KABUPATEN (REGENCY) CANTON (MUNICIPALITY) OF THE SAME NAME

App. Table IIIE-5

SURPLUS AND DEFICIT OF AGRICULTURAL PRODUCTS BY KABUPATEN (1975-1995)

CENTRAL JAVA MAIZE (JAGUNG), SHELLEK
* COMMODITY ICCOMT

KABUPATEN*	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
3 1 BANYUMAS	6.4	30.1	-23.8	7.8	33.3	-25.4	5.0	35.8	-26.8	11.8	28.0	-16.2	14.3	40.0	-25.7
3 2 PURBALINGGA	15.6	16.8	-1.3	19.1	18.6	0.6	22.0	20.0	2.0	20.8	21.3	7.4	34.9	22.5	12.4
3 3 CILACAP	5.7	34.2	-28.5	7.0	37.7	-30.8	8.0	40.7	-22.7	10.5	43.4	-23.0	12.7	46.0	-33.3
3 4 BANJARNEGARA	55.1	17.0	38.2	67.9	18.8	49.0	77.9	20.2	57.7	101.5	21.6	80.3	123.8	22.9	100.9
3 5 MAGELANG	22.6	27.1	-4.5	27.8	30.0	-2.1	32.0	32.5	-0.6	41.8	35.0	6.8	50.8	37.5	13.3
3 6 TEMANGGUNG	39.6	13.6	26.0	48.7	15.0	33.7	55.9	16.2	39.7	73.2	17.4	55.8	88.9	18.5	70.3
3 7 WONOSOBO	33.2	14.7	18.5	40.9	16.2	24.6	47.0	17.5	29.4	61.4	18.1	42.7	74.6	15.8	54.8
3 8 PURWOREJO	4.2	18.5	-14.7	5.2	21.0	-15.7	6.0	22.6	-16.6	7.8	24.2	-16.3	5.5	25.6	-16.1
3 9 KEBUMEN	5.7	26.5	-21.2	7.0	29.7	-22.8	8.0	32.1	-24.1	10.5	34.2	-23.7	12.7	36.2	-23.5
3 10 PEKALENGAN	12.0	18.8	-6.7	14.8	20.7	-5.9	17.0	22.6	-5.6	22.2	24.5	-2.2	27.0	26.4	0.6
3 11 PEMALANG	21.5	22.5	-0.9	27.0	25.2	1.8	31.0	27.3	3.7	40.5	25.2	11.3	45.2	31.0	18.2
3 12 TEGAL	22.6	27.6	-4.9	27.8	30.4	-2.6	32.0	33.0	-1.1	41.8	25.5	6.3	50.8	37.9	12.8
3 13 EKRES	29.0	25.8	-3.2	35.7	32.9	2.8	41.0	35.5	5.5	51.6	37.8	15.8	65.1	40.0	25.1
3 14 EATANG	18.4	13.3	5.1	22.6	14.7	7.9	26.0	15.9	10.1	34.0	17.0	17.0	41.3	18.1	23.2
3 15 SEMARANG	24.7	35.5	-14.8	30.4	43.3	-12.9	35.0	49.0	-14.1	45.7	55.6	-9.9	55.5	63.4	-7.9
3 16 KENDAL	9.5	18.9	-9.0	12.2	20.9	-8.7	14.0	22.5	-8.5	18.2	23.5	-5.6	22.2	25.2	-3.0
3 17 CEMAK	13.4	17.1	-3.6	16.5	18.9	-2.3	19.0	20.3	-1.4	24.8	21.7	3.1	30.2	23.0	7.1
3 18 GRABYAN	101.8	25.2	76.6	125.3	27.9	97.4	143.9	30.1	113.8	188.2	32.0	156.2	228.5	33.7	194.8
3 19 PATI	24.0	24.0	0.1	29.6	26.5	3.1	34.0	28.6	5.4	44.4	30.5	14.0	54.0	32.2	21.7
3 20 JEPARA	22.6	16.7	5.9	27.8	18.5	9.4	32.0	19.5	12.0	41.8	21.3	20.5	50.8	22.6	28.2
3 21 KEMBARANG	33.2	10.2	23.0	40.9	11.3	29.6	47.0	12.2	34.7	61.4	13.1	48.4	74.6	13.9	60.7
3 22 BLORA	48.0	17.8	28.2	56.5	19.6	36.9	64.9	21.2	43.7	85.0	22.6	62.3	103.2	24.0	79.2
3 23 KUDUS	8.9	12.9	-3.0	12.2	14.2	-2.0	14.0	15.4	-1.4	18.2	16.5	1.8	22.2	17.6	4.6
3 24 KLATEN	7.1	27.7	-20.6	8.7	30.6	-21.9	10.0	32.5	-23.0	13.1	25.1	-22.0	15.5	37.0	-21.2
3 25 BOYOLALI	36.1	20.1	16.0	44.4	22.2	22.2	50.9	23.5	27.1	60.7	25.4	41.2	80.5	26.9	54.1
3 26 SRAGEN	21.2	18.3	3.0	26.1	20.2	5.9	30.0	21.8	8.2	39.2	23.2	16.0	47.6	24.6	23.0
3 27 SUKOHARJO	10.6	25.9	-15.3	13.0	28.4	-15.4	15.0	31.5	-16.9	19.6	35.8	-16.2	23.8	40.4	-16.6
3 28 KANGKANGYAK	18.4	14.1	4.3	22.0	15.6	7.0	26.0	16.8	9.2	34.0	17.8	16.2	41.3	16.7	22.5
3 29 WONOGIRI	36.1	25.4	10.7	44.4	28.1	16.3	50.9	30.2	20.7	66.7	32.2	34.5	80.5	34.0	47.0
4 1 BANTUL	3.5	25.7	-22.2	4.3	28.1	-23.8	4.9	30.3	-25.4	6.2	32.8	-26.5	7.8	35.0	-27.3
4 2 SLEMAN	3.3	16.5	-13.7	4.1	18.8	-14.7	4.6	20.3	-15.7	6.0	21.6	-15.6	7.3	23.0	-15.6
4 3 GUNUNG KIJUL	35.4	17.9	21.5	49.2	19.8	29.4	55.8	21.4	34.4	72.2	22.8	45.4	88.8	24.2	64.4
4 4 KULCN PRONO	1.9	10.7	-8.8	2.4	11.8	-9.4	2.7	12.8	-10.1	3.5	13.6	-10.1	4.3	14.4	-10.1

CENTRAL JAVA 755.0 696.5 58.5 930.0 768.9 161.0 1067.0 833.5 233.5 1395.0 895.4 499.6 1655.0 956.3 738.7
AND D.I. YOGYAKARTA

REMARKS
(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)
* KABUPATEN (1) SURPLUS (2) DEFICIT (3) SURPLUS OR DEFICIT (-)

SURPLUS AND DEFICIT OF AGRICULTURAL PRODUCTS BY KABUPATEN (1975-1995)

EAST JAVA MAIZE (JAGUNG) *SHELLED 1000MT

KABUPATEN*	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
5 1 SURABAYA	45.2	62.0	-16.8	55.6	71.9	-16.2	63.8	88.8	-24.9	83.5	110.3	-26.8	101.5	138.5	-37.0
5 2 SIDOARJO	2.6	19.3	-16.7	3.2	21.1	-17.9	3.6	23.3	-19.6	4.8	25.9	-20.7	5.8	27.6	-21.8
5 3 MOJOKERTO	27.1	18.5	8.6	33.4	20.4	13.0	38.3	22.6	15.7	50.1	24.9	25.2	60.9	27.3	33.6
5 4 JOMBANG	28.4	23.1	5.3	35.0	25.3	9.6	40.1	27.9	12.3	52.5	30.5	22.0	63.8	33.0	30.8
5 5 BOJONEGORO	38.7	24.4	14.3	47.7	26.7	21.0	54.7	29.6	25.1	71.6	32.5	39.1	87.0	35.5	51.5
5 6 TUBAN	60.7	21.3	39.3	74.7	23.4	51.3	85.7	25.8	59.9	112.2	28.3	83.9	136.3	30.7	105.6
5 7 LAMONGAN	76.2	25.9	50.3	93.8	28.4	65.5	107.6	31.1	76.5	140.8	33.9	107.0	171.1	36.4	134.7
5 8 MAJUNING	7.7	20.8	-13.0	9.5	23.0	-13.5	10.9	26.0	-15.0	14.3	29.3	-14.9	17.4	32.9	-15.5
5 9 NGAWI	21.9	19.7	2.3	27.0	21.5	5.5	31.0	23.7	7.3	40.6	25.9	14.7	49.3	27.9	21.4
5 10 MAGETAN	7.7	15.9	-8.2	9.5	17.5	-8.0	10.9	19.5	-8.5	14.3	21.5	-7.2	17.4	23.6	-6.2
5 11 PONOROGO	16.8	20.8	-4.0	20.7	22.8	-2.2	23.7	25.2	-1.5	31.0	27.7	3.3	37.7	30.1	7.6
5 12 PACITAN	11.6	13.8	-2.2	14.3	15.2	-0.9	16.4	16.9	-0.5	21.5	18.7	2.8	26.1	20.5	5.6
5 13 KEDIRI	45.2	36.1	9.1	55.6	39.9	15.7	63.8	44.9	18.9	83.5	50.4	33.1	101.5	56.4	45.1
5 14 NGANJUK	23.2	22.1	1.2	28.6	24.1	4.5	32.8	26.5	6.3	43.0	28.9	14.1	52.2	31.1	21.1
5 15 BLITAK	24.5	28.8	-4.3	30.2	31.6	-1.4	34.7	34.9	-0.3	45.4	38.4	7.0	55.1	41.7	13.4
5 16 TULUNGAGUNG	10.3	22.0	-11.6	12.7	24.1	-11.3	14.6	26.5	-11.9	19.1	29.1	-10.0	23.2	31.6	-8.4
5 17 TRENGGALEK	5.2	15.0	-9.8	6.4	16.5	-10.1	7.3	18.2	-10.9	9.5	20.1	-10.5	11.6	22.0	-10.4
5 18 MALANG	125.2	62.6	62.6	154.2	69.4	84.9	176.9	78.3	98.6	231.5	88.4	143.1	281.3	99.6	181.7
5 19 PASURUAN	45.2	27.1	18.1	55.6	29.7	25.9	63.8	32.9	31.0	83.5	36.2	47.4	101.5	39.4	62.1
5 20 PURWOLINGGU	76.2	24.2	52.0	93.8	26.6	67.2	107.6	29.5	78.1	140.8	32.6	108.3	171.1	35.7	135.4
5 21 LUMAJANG	80.0	22.7	57.3	98.6	24.9	73.6	113.1	27.7	85.4	148.0	30.6	117.4	179.8	33.4	146.4
5 22 BONDOWOSO	50.8	15.6	35.2	70.0	17.2	52.8	80.3	19.0	61.3	105.0	20.9	84.1	127.6	22.8	104.8
5 23 SITUBONDO	41.3	13.4	27.9	50.9	14.7	36.1	58.4	16.3	42.1	76.4	17.9	58.5	92.8	19.4	73.4
5 24 JEMBER	81.3	48.5	32.8	100.2	53.2	47.0	114.9	58.6	56.3	150.4	64.2	86.1	182.7	69.6	113.1
5 25 BANYUWANGI	15.5	37.6	-22.1	19.1	41.2	-22.1	21.9	45.3	-23.4	28.6	49.5	-20.9	34.8	53.6	-18.8
5 26 PAMEKASAN	43.9	13.2	30.7	54.1	14.5	39.5	62.0	16.2	45.8	81.2	17.9	63.3	98.6	19.6	79.0
5 27 SAMPANG	43.9	15.3	28.6	54.1	16.9	37.2	62.0	18.7	43.3	81.2	20.7	60.4	98.6	22.8	75.8
5 28 SUMENEP	144.6	22.1	122.5	178.1	24.1	153.9	204.3	26.5	177.8	267.3	28.9	238.5	324.8	31.1	293.7
5 29 BANGKALAN	83.9	17.9	66.0	103.3	19.6	83.7	118.6	21.6	96.9	155.2	23.7	131.5	188.5	25.7	162.8

EAST JAVA 1291.0 729.6 561.4 1590.0 805.6 784.4 1824.0 901.9 922.1 2387.0 1007.4 1379.6 2900.0 1119.5 1780.5

REMARKS
 (1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)
 * KABUPATEN (REGENCY) COVERS KOTAMADIA (MUNICIPALITY) OF THE SAME NAME

App. Table IIIE-7

SURPLUS AND DEFICIT OF AGRICULTURAL PRODUCTS BY KABUPATEN (1975-1995)

WEST JAVA

* COMMODITY CASSAVA (KETELA POHON), FRESH

1000MT

KABUPATEN*	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
1 0 D.K.I. JAKARTA	0.0	452.4	-452.4	0.0	572.4	-572.4	0.0	636.3	-636.3	0.0	704.4	-704.4	0.0	774.6	-774.6
2 1 PANDEGLANG	43.8	48.3	-4.5	48.0	51.5	-3.5	52.1	55.5	-3.4	56.6	59.3	-2.7	61.7	62.9	-1.3
2 2 SERANG	59.5	72.6	-13.1	65.1	77.4	-12.2	70.8	83.4	-12.6	76.8	89.1	-12.3	83.7	94.6	-10.9
2 3 LEBAK	14.1	46.5	-32.4	15.4	49.5	-34.0	16.8	53.4	-36.6	18.2	57.0	-38.8	19.8	60.4	-40.6
2 4 BEKASI	20.3	69.6	-49.2	22.3	74.1	-51.8	24.2	79.7	-55.5	26.3	84.9	-58.6	28.6	89.6	-61.0
2 5 KARANG	29.7	85.4	-55.7	32.6	91.0	-58.4	35.4	97.9	-62.5	38.4	104.4	-66.0	41.8	110.5	-68.6
2 6 PURWAKARTA	29.7	31.7	-1.9	32.6	33.8	-1.3	35.4	36.8	-1.4	38.4	39.8	-1.4	41.8	42.9	-1.1
2 7 TANGERANG	61.0	89.8	-28.7	66.8	95.7	-28.8	72.6	103.1	-30.5	78.8	110.2	-31.3	85.9	116.9	-31.0
2 8 SUBANG	34.4	75.7	-41.3	37.7	80.6	-42.9	41.0	86.6	-45.6	44.5	92.2	-47.7	48.4	97.2	-48.7
2 9 BOGOR	93.9	157.8	-63.9	102.8	168.4	-65.6	111.7	182.6	-70.8	121.3	196.5	-75.2	132.1	210.1	-77.9
2 10 SUKABUMI	81.4	110.8	-29.5	89.1	118.2	-29.1	96.8	127.4	-30.5	105.1	136.2	-31.1	114.5	144.5	-30.0
2 11 CIAMUR	82.9	95.8	-12.8	90.8	102.3	-11.5	98.7	111.3	-12.6	107.1	120.3	-13.2	116.7	129.4	-12.7
2 12 BANDUNG	120.5	271.4	-150.9	132.0	292.5	-160.5	143.4	332.3	-188.9	155.6	377.4	-221.8	169.6	429.4	-259.8
2 13 SUMEDANG	92.3	54.3	38.0	101.1	57.8	43.4	109.9	62.1	47.8	119.2	66.2	53.1	129.9	69.9	60.1
2 14 GARUT	150.2	101.6	48.6	164.5	108.4	56.2	178.8	116.7	62.1	194.0	124.7	69.3	211.4	132.2	79.2
2 15 TASIKMALAYA	206.6	111.9	94.7	226.2	119.3	106.9	245.8	128.5	117.2	266.8	137.4	129.4	290.7	145.5	145.1
2 16 CIAMIS	262.9	103.5	159.4	288.0	110.3	177.7	312.8	118.8	194.0	339.5	127.0	212.5	369.9	134.7	235.3
2 17 CIREBON	21.9	103.4	-81.5	24.0	110.5	-86.5	26.1	120.5	-94.5	28.3	130.8	-102.5	30.8	141.2	-110.4
2 18 KUNINGAN	81.4	55.6	25.8	89.1	59.2	29.9	96.8	63.6	33.3	105.1	67.7	37.4	114.5	71.3	43.2
2 19 INDRAMAYU	15.6	82.6	-67.0	17.1	87.9	-70.7	18.6	94.1	-75.4	20.2	99.7	-79.5	22.0	104.6	-82.6
2 20 MAJALENGKA	62.6	65.4	-2.8	68.6	69.6	-1.1	74.5	74.4	0.1	80.8	78.7	2.1	88.1	82.3	5.8

WEST JAVA AND D.K.I. JAKARTA 1565.0 2286.2 -721.2 1714.0 2530.3 -816.3 1862.0 2764.7 -902.7 2021.0 3004.0 -983.0 2202.0 3244.7 -1042.7

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)

* KABUPATEN (REGENCY) COVERS KOTAMADIA (MUNICIPALITY) OF THE SAME NAME

APP. Table III-B-8

SURPLUS AND DEFICIT OF AGRICULTURAL PRODUCTS BY KABUPATEN (1975-1995)

CENTRAL JAVA

* COMMODITY CASSAVA (KETELA POHON), FRESH

1000MT

KABUPATEN*	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
3 1 BANYUMAS	57.2	89.3	-32.1	62.5	95.4	-32.9	68.3	99.2	-30.9	74.3	101.7	-27.5	80.4	103.4	-23.0
3 2 PURBALINGGA	46.2	49.8	-3.7	50.5	53.3	-2.8	55.2	55.5	-0.3	60.0	57.1	2.9	65.0	58.2	6.8
3 3 CILACAP	134.1	101.3	32.8	146.7	108.2	38.5	160.2	112.8	47.4	174.2	116.3	57.9	188.7	118.8	69.9
3 4 BANJARNEGARA	66.0	50.4	15.6	72.1	54.0	18.2	78.8	56.2	22.6	85.7	57.9	27.8	92.8	59.1	33.7
3 5 MAGELANG	116.5	80.5	36.1	127.5	86.0	41.5	139.2	90.2	49.0	151.4	93.7	57.7	163.9	96.7	67.2
3 6 TEMANGGUNG	44.0	40.2	3.7	48.1	42.9	5.2	52.5	45.0	7.5	57.1	46.6	10.5	61.9	47.9	14.0
3 7 WONOSOBO	116.5	43.6	72.9	127.5	46.6	80.9	139.2	48.6	90.6	151.4	50.1	101.3	163.9	51.2	112.8
3 8 PURWOREJO	142.9	56.2	86.8	156.3	60.1	96.2	170.8	62.7	108.1	185.6	64.7	121.0	201.0	66.1	135.0
3 9 KEBUMEN	123.1	79.8	43.3	134.7	85.3	49.4	147.1	88.9	58.2	159.9	91.5	68.4	173.2	93.4	79.8
3 10 PEKALONGAN	48.4	55.6	-7.2	52.9	59.4	-6.4	57.8	62.6	-4.8	62.8	65.4	-2.6	68.0	68.1	-0.1
3 11 PEMALANG	22.0	67.8	-45.8	24.0	72.3	-48.2	26.3	75.6	-49.3	28.6	78.1	-49.6	30.9	80.1	-49.2
3 12 TEGAL	41.8	81.7	-40.0	45.7	87.3	-41.6	49.9	91.5	-41.6	54.3	95.0	-40.8	58.8	98.0	-39.2
3 13 BREBES	55.0	88.3	-33.3	60.1	94.4	-34.3	65.7	98.3	-32.7	71.4	101.2	-29.8	77.3	103.3	-25.9
3 14 BATANG	48.4	39.5	8.9	52.9	42.1	10.8	57.8	44.0	13.8	62.8	45.5	17.3	68.0	46.7	21.4
3 15 SEMARANG	114.3	117.2	-2.9	125.1	124.3	0.8	136.6	135.9	0.7	148.5	148.8	-0.3	160.8	163.9	-3.0
3 16 KENDAL	52.8	56.2	-3.4	57.7	60.0	-2.2	63.0	62.3	0.7	68.5	64.1	4.5	74.2	65.2	9.1
3 17 DEMAK	39.6	50.6	-11.0	43.3	54.1	-10.8	47.3	56.4	-9.1	51.4	58.2	-6.8	55.7	59.4	-3.8
3 18 GRABUHAN	61.6	74.9	-13.3	67.3	80.0	-12.7	73.6	83.3	-9.8	80.0	85.6	-5.6	86.6	87.1	-0.5
3 19 PATI	96.8	71.1	25.6	105.8	76.0	29.8	115.6	79.2	36.4	125.7	81.6	44.1	136.1	83.2	52.9
3 20 JEPARA	96.8	49.5	47.2	105.8	53.0	52.8	115.6	55.3	60.3	125.7	57.1	68.6	136.1	58.4	77.6
3 21 REMBANG	55.0	30.3	24.6	60.1	32.5	27.7	65.7	33.9	31.8	71.4	35.0	36.4	77.3	35.9	41.4
3 22 BLORA	52.8	52.7	0.0	57.7	56.3	1.4	63.0	58.8	4.3	68.5	60.6	8.0	74.2	61.9	12.3
3 23 KURUS	15.4	38.1	-22.7	16.8	40.7	-23.9	18.4	42.6	-24.2	20.0	44.1	-24.1	21.7	45.4	-23.8
3 24 KLATEN	30.8	82.1	-51.3	33.7	87.8	-54.1	36.8	91.3	-54.5	40.0	94.0	-54.0	43.3	95.7	-52.4
3 25 BOYOLALI	138.5	59.6	78.9	151.5	63.7	87.8	165.5	66.2	99.3	179.9	68.1	111.8	194.9	69.4	125.5
3 26 SRAGEN	96.8	54.1	42.6	105.8	57.8	48.0	115.6	60.4	55.2	125.7	62.2	63.5	136.1	63.6	72.5
3 27 SUKOHARJO	55.0	76.8	-21.8	60.1	81.5	-21.3	65.7	88.4	-22.8	71.4	95.8	-24.4	77.3	104.3	-27.0
3 28 KARANGANYAR	96.8	41.8	54.9	105.8	44.7	61.1	115.6	46.5	69.1	125.7	47.6	78.1	136.1	48.4	87.7
3 29 WONOGIRI	134.1	75.3	58.9	146.7	80.5	66.2	160.2	83.8	76.5	174.2	86.2	88.0	188.7	87.7	101.0
4 1 BANTUL	40.5	76.2	-35.7	44.6	80.6	-36.0	48.1	83.8	-35.7	52.5	87.9	-35.4	57.1	90.5	-33.5
4 2 SLEMAN	29.7	50.2	-20.5	32.7	54.0	-21.3	35.3	56.2	-20.9	38.6	57.7	-19.2	41.9	59.3	-17.4
4 3 GUNUNG KIDUL	317.2	53.0	264.3	348.9	56.8	292.0	376.8	59.3	317.6	411.4	60.9	350.5	446.8	62.5	384.2
4 4 KULON PROGO	43.5	31.7	11.9	47.9	34.0	13.9	51.7	35.4	16.3	56.5	36.4	20.1	61.3	37.3	24.0

CENTRAL JAVA 2630.0 2065.6 564.4 2879.0 2205.3 673.7 3139.0 2310.2 828.8 3415.0 2396.7 1018.3 3700.0 2470.1 1229.9
AND D. I. YOGYAKARTA

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)

* KABUPATEN (REGENCY) GOVERNORS (KOTA/MUNICIPALITY) OF THE SAME NAME

KAB. SEMARANG GOVERNORS KOTA. SALATIGA

KAB. SUKOHARJO GOVERNORS KOTA. SURABAYA

KAB. BANTUL GOVERNORS KOTA. YOGYAKARTA

App. Table IIIE-9

SURPLUS AND DEFICIT OF AGRICULTURAL PRODUCTS BY KABUPATEN (1975-1995)

EAST JAVA

* COMMODITY CASSAVA (KETELA POHON), FRESH

1000MT

KABUPATEN*	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
5 1 SURABAYA	93.7	183.8	-90.1	102.7	206.2	-103.5	111.9	246.0	-134.0	121.7	295.3	-173.6	131.6	357.8	-226.1
5 2 SIDHARJO	6.2	57.1	-50.8	6.8	60.6	-53.7	7.5	64.5	-57.0	8.1	68.3	-60.1	8.8	71.3	-62.6
5 3 MOJOKERTO	37.5	54.9	-17.4	41.1	58.4	-17.4	44.8	62.6	-17.8	48.7	66.7	-18.0	52.7	70.5	-17.8
5 4 JOMBANG	46.9	68.5	-21.6	51.3	72.7	-21.3	56.0	77.3	-21.3	60.9	81.6	-20.8	65.8	85.3	-19.4
5 5 BOJONEGORO	118.7	72.3	46.4	130.0	76.7	53.4	141.8	82.0	59.8	154.2	87.0	67.2	166.7	91.6	75.1
5 6 TUBAN	100.0	63.3	36.7	109.5	67.1	42.4	119.4	71.5	47.9	129.9	75.7	54.1	140.4	79.3	61.1
5 7 LAMPONGAN	109.3	76.8	32.5	119.8	81.3	38.4	130.6	86.2	44.4	142.0	90.6	51.4	153.6	94.1	59.4
5 8 MAJUNING	81.2	61.6	19.6	89.0	66.0	23.0	97.0	71.9	25.1	105.5	78.3	27.2	114.1	85.0	29.1
5 9 NGAWI	118.7	58.3	60.4	130.0	61.8	68.2	141.8	65.6	76.1	154.2	69.3	84.9	166.7	72.2	94.6
5 10 MAGETAN	62.5	47.3	15.2	68.4	50.3	18.1	74.6	53.9	20.7	81.2	57.6	23.6	87.8	61.0	26.8
5 11 PONDEG	190.6	61.7	128.9	208.7	65.5	143.2	227.6	69.9	157.7	247.5	74.2	173.3	267.7	77.8	189.8
5 12 PACITAN	296.8	41.0	255.8	325.1	43.6	281.5	354.4	46.8	307.6	385.5	50.0	335.5	416.9	53.0	363.9
5 13 KEDIRI	103.1	107.0	-3.9	112.9	114.5	-1.5	123.1	124.5	-1.3	133.9	135.0	-1.1	144.8	145.7	-0.9
5 14 NGANUK	59.4	65.4	-6.1	65.0	69.2	-4.2	70.9	73.4	-2.5	77.1	77.3	-0.2	83.4	80.2	3.2
5 15 BLITAR	153.1	85.5	67.6	167.7	90.7	76.9	182.8	96.8	86.0	198.8	102.7	96.2	215.0	107.7	107.4
5 16 TULUNGAGUNG	56.2	65.1	-8.9	61.6	69.0	-7.4	67.2	73.6	-6.4	73.0	77.9	-4.9	79.0	81.5	-2.6
5 17 TRENGGALEK	106.2	44.5	61.8	116.3	47.3	69.1	126.9	50.5	76.3	138.0	53.8	84.2	149.2	56.7	92.5
5 18 MALANG	196.8	185.6	11.2	215.6	199.0	16.6	235.1	217.1	17.9	255.7	236.7	19.0	276.4	257.2	19.3
5 19 PASURUAN	109.3	80.3	29.1	119.8	85.2	34.6	130.6	91.1	39.5	142.0	96.8	45.3	153.6	101.8	51.8
5 20 PROBOLINGGO	68.7	71.7	-3.0	75.3	76.2	-0.9	82.1	81.7	0.4	89.3	87.2	2.1	96.5	92.2	4.3
5 21 LUMAJANG	31.2	67.4	-36.2	34.2	71.5	-37.3	37.3	76.7	-39.4	40.6	81.8	-41.2	43.9	86.4	-42.5
5 22 BONDOWOSO	46.9	46.3	0.5	51.3	49.2	2.1	56.0	52.6	3.4	60.9	55.9	4.9	65.8	58.9	6.9
5 23 SIBUNGGI	50.0	39.8	10.2	54.8	42.3	12.5	59.7	45.1	14.6	64.9	47.8	17.1	70.2	50.2	20.0
5 24 JEMBER	71.9	144.0	-72.1	78.7	152.5	-73.8	85.8	162.5	-76.7	93.3	171.9	-78.6	100.9	179.9	-79.0
5 25 BANYUWANGI	62.5	111.5	-49.0	68.4	118.0	-49.6	74.6	125.7	-51.0	81.2	132.6	-51.5	87.8	138.5	-50.7
5 26 PAMEKASAN	134.3	39.2	95.1	147.1	41.7	105.4	160.4	44.8	115.6	174.5	47.8	126.7	188.7	50.8	137.9
5 27 SAMPANG	281.2	45.4	235.8	308.0	48.3	259.6	335.8	51.9	283.9	365.2	55.4	309.8	394.9	58.8	336.1
5 28 SUMENEP	199.9	65.4	134.5	219.0	69.2	149.8	238.8	73.4	165.4	259.7	77.3	182.4	280.8	80.2	200.6
5 29 BARGALAN	131.2	53.0	78.2	143.7	56.2	87.5	156.7	59.9	96.8	170.4	63.4	107.0	184.3	66.3	118.0
EAST JAVA	3124.0	2163.9	960.1	3422.0	2310.3	1111.7	3731.0	2499.6	1231.4	4058.0	2696.3	1361.7	4388.0	2891.8	1496.2

REMARKS
 (1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)

App. Table IIIE-10

SURPLUS AND DEFICIT OF AGRICULTURAL PRODUCTS BY KABUPATEN (1975-1995)

WEST JAVA
* COMMODITY

SWEET POTATOES (KETEJA RAMBAT), FRESH

ICCCMT

KABUPATEN*	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
L. O. D.K.I.-JAKARTA	C.C.	127.6	-127.6	C.O.	161.5	-161.9	0.0	180.6	-180.6	0.0	200.6	-200.6	C.C.	221.3	-221.3
2 1 PANDEGLANG	15.5	13.6	1.9	17.0	14.6	2.5	18.6	15.8	2.9	20.5	16.5	3.6	22.6	18.0	4.6
2 2 SERANG	33.3	20.5	12.8	36.6	21.9	14.7	40.0	23.7	16.3	44.0	25.4	18.6	48.5	27.0	21.5
2 3 LEBAK	5.2	13.1	-7.9	5.7	14.0	-8.3	6.2	15.1	-8.9	6.8	16.2	-5.4	7.5	17.3	-9.7
2 4 BEKASI	15.5	15.6	-4.1	17.0	21.0	-3.9	18.6	22.6	-4.0	20.5	24.2	-3.7	22.6	25.6	-3.0
2 5 KRAWANG	14.5	24.1	-9.2	16.4	25.7	-9.3	17.9	27.8	-9.9	19.7	25.7	-10.0	21.8	31.6	-9.8
2 6 PURWAKARTA	8.0	8.5	-0.9	8.8	9.5	-0.7	9.6	10.4	-0.8	10.6	11.2	-0.7	11.7	12.3	-0.5
2 7 TANGERANG	43.0	25.3	17.7	47.3	27.1	20.3	51.7	29.2	22.4	56.8	31.4	25.5	62.8	34.4	29.4
2 8 SUBANG	8.0	21.4	-13.3	8.8	22.8	-14.0	9.6	24.6	-14.9	10.6	26.2	-15.6	11.7	27.8	-16.0
2 9 BGGOK	52.2	44.5	7.7	57.4	47.6	9.8	62.7	51.8	10.9	69.0	55.5	13.0	76.2	60.0	16.1
2 10 SUKABUMI	25.3	31.3	-6.0	27.8	33.4	-5.7	30.3	36.1	-5.8	33.4	38.8	-5.4	36.8	41.3	-4.5
2 11 CIANJUR	24.1	27.0	-2.9	26.5	28.9	-2.4	28.9	31.6	-2.6	31.6	34.2	-2.4	35.2	37.0	-1.8
2 12 BANGUNG	62.0	76.6	-14.6	68.1	82.8	-14.6	74.4	94.3	-19.9	81.5	107.5	-25.6	90.4	122.7	-32.3
2 13 SUKEDANG	12.6	15.3	-2.7	13.9	16.3	-2.5	15.2	17.0	-2.5	16.7	18.8	-2.2	18.4	20.0	-1.5
2 14 GARUT	81.5	28.7	52.8	89.6	30.7	58.9	97.8	33.1	64.7	107.6	35.5	72.1	116.5	37.8	81.1
2 15 TASIKMALAYA	36.7	31.5	5.2	40.4	33.8	6.6	44.1	36.5	7.6	48.5	39.1	5.4	53.6	41.6	12.0
2 16 CIAMIS	63.7	25.2	34.5	70.0	31.2	38.8	76.5	33.7	42.8	84.1	36.2	48.0	52.5	38.5	54.4
2 17 CIREBON	17.2	25.2	-12.0	18.9	31.3	-12.3	20.7	34.2	-13.5	22.7	37.2	-14.5	25.1	40.3	-15.2
2 18 KUNINGAN	32.7	15.7	17.0	36.0	16.7	19.2	39.3	18.0	21.2	43.2	15.2	23.5	47.7	20.4	27.3
2 19 INDRAMAYU	8.0	23.3	-15.3	8.8	24.9	-16.0	9.6	26.7	-17.0	10.6	28.4	-17.8	11.7	29.9	-18.2
2 20 MAJALENGKA	14.3	18.5	-4.1	15.8	19.7	-3.9	17.2	21.1	-3.9	18.5	22.4	-3.5	20.5	23.5	-2.6
WEST JAVA AND C.K.I.-JAKARTA	574.0	644.8	-70.8	631.0	715.8	-84.8	689.0	784.6	-95.6	758.0	855.2	-97.2	837.0	927.1	-90.1

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)

* KABUPATEN (AGENCY) COVERS KOTAMADIA (MUNICIPALITY) OF THE SAME NAME

App. Table IIIE-11

SURPLUS AND DEFICIT OF AGRICULTURAL PRODUCTS BY KABUPATEN (1975-1995)

CENTRAL JAVA

* COMMODITY SWEET POTETOCES (KETELE RAMBAT), FRESH

KABUPATEN*	1975			1980			1985			1995					
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)			
3 1 EANYUMAS	8.8	25.2	-16.4	9.6	27.0	-17.4	10.5	28.1	-17.7	11.7	29.0	-17.3	12.8	29.5	-16.7
3 2 PURBALINGGA	12.0	14.1	-2.1	13.1	15.1	-2.0	14.2	15.8	-1.5	15.5	16.3	-0.3	17.5	16.6	0.9
3 3 CILACAP	17.2	28.6	-11.3	18.9	30.6	-11.8	20.5	32.0	-11.5	22.5	33.1	-10.2	25.2	33.9	-8.8
3 4 BANJARNEGARA	19.7	14.2	5.5	21.6	15.3	6.3	23.5	15.5	7.5	26.2	16.5	5.7	28.8	16.9	11.9
3 5 MAGELANG	15.5	22.7	-7.2	16.9	24.3	-7.4	18.4	25.6	-7.2	20.6	26.7	-6.1	22.6	27.6	-5.0
3 6 TEMANGGUNG	4.5	11.4	-6.4	5.4	12.1	-6.8	5.5	12.8	-6.9	6.6	13.3	-6.7	7.2	13.7	-6.5
3 7 WROSUBU	22.9	12.3	10.6	25.0	13.2	11.8	27.2	13.8	13.4	30.4	14.3	16.2	33.4	14.6	18.8
3 8 PURWOREJO	4.6	15.8	-11.3	5.0	17.0	-12.0	5.4	17.8	-12.3	6.1	18.4	-12.3	6.7	18.9	-12.2
3 9 KEBUMEN	10.2	22.5	-12.3	11.2	24.1	-13.0	12.2	25.2	-13.1	13.6	26.1	-12.5	14.5	26.7	-11.8
3 10 PEKALONGAN	6.3	15.7	-9.4	6.9	16.8	-9.9	7.5	17.8	-10.2	8.4	18.6	-10.2	5.3	19.5	-10.2
3 11 PEMALANG	9.2	19.1	-10.0	10.0	20.4	-10.4	10.3	21.4	-10.5	12.2	22.2	-10.1	13.4	22.9	-9.5
3 12 TEGAL	13.0	23.1	-10.0	14.2	24.7	-10.5	15.5	26.0	-10.5	17.3	27.1	-9.7	15.0	28.0	-9.0
3 13 KEBES	9.5	24.5	-15.4	10.4	26.7	-16.3	11.3	27.9	-16.6	12.6	28.8	-16.2	13.5	29.5	-15.4
3 14 BATANG	5.3	11.1	-5.9	5.8	11.9	-6.1	6.3	12.5	-6.2	7.0	13.0	-5.5	7.7	13.3	-5.6
3 15 SEMARANG	18.7	33.1	-14.4	20.4	35.2	-14.7	22.2	38.6	-16.4	24.8	42.4	-17.6	27.2	40.8	-19.0
3 16 KENDAL	15.5	15.6	-0.4	16.9	17.0	-0.0	18.4	17.7	0.8	20.6	18.2	2.3	22.6	18.6	4.0
3 17 DEMAK	8.8	14.3	-5.5	9.6	15.3	-5.7	10.5	16.0	-5.5	11.7	16.6	-4.5	12.8	17.0	-4.1
3 18 GRAYONG	50.3	21.1	29.2	55.1	22.6	32.4	59.9	23.6	36.3	66.5	24.4	42.5	73.5	24.9	48.0
3 19 PATI	5.5	20.1	-10.6	10.4	21.5	-11.1	11.3	22.5	-11.2	12.6	23.2	-10.6	13.5	23.8	-9.9
3 20 JEPARA	6.7	14.0	-7.3	7.3	15.0	-7.7	8.0	15.7	-7.7	8.9	16.3	-7.4	9.8	16.7	-6.9
3 21 REMBANG	5.5	8.6	0.9	10.4	9.2	1.2	11.3	9.6	1.7	12.6	10.0	2.7	13.5	10.3	3.6
3 22 BLORA	26.4	14.9	11.5	28.9	15.9	12.9	31.4	16.7	14.8	35.1	17.2	17.9	38.5	17.7	20.8
3 23 KUDUS	1.8	10.8	-9.0	1.9	11.5	-9.6	2.1	12.1	-10.0	2.3	12.6	-10.2	2.6	13.0	-10.4
3 24 Klaten	6.3	23.2	-16.8	6.9	24.8	-17.9	7.5	25.5	-18.4	8.4	26.8	-18.3	9.3	27.3	-18.1
3 25 BOYOLALI	7.7	16.8	-9.1	8.5	18.0	-9.5	9.2	18.8	-9.6	10.2	19.4	-9.1	11.3	19.8	-8.5
3 26 SRAGEN	10.6	15.3	-4.7	11.5	16.4	-4.8	12.6	17.1	-4.6	14.0	17.7	-3.7	15.4	18.2	-2.7
3 27 SUKOHARJO	2.5	21.6	-19.2	2.7	23.0	-20.4	2.9	25.1	-22.2	3.3	27.3	-24.0	3.6	29.8	-26.2
3 28 KARANGANYAR	14.8	11.8	3.0	16.2	12.6	3.5	17.6	13.2	4.4	19.7	13.6	6.1	21.6	13.8	7.8
3 29 WONOGIRI	3.5	21.2	-17.4	4.2	22.8	-18.5	4.6	23.8	-19.2	5.1	24.5	-15.4	5.7	25.1	-19.4
4 1 BANTUL	2.7	21.5	-18.8	2.9	22.8	-19.9	3.1	23.8	-20.7	3.4	25.0	-21.6	3.6	25.9	-22.3
4 2 SLEMAN	7.4	14.2	-6.7	7.9	15.3	-7.3	8.4	16.0	-7.5	9.4	16.4	-7.0	9.5	16.9	-7.0
4 3 GUNUNG KIDUL	3.5	14.9	-11.4	3.8	16.1	-12.3	4.0	16.8	-12.8	4.5	17.3	-12.5	4.7	17.9	-13.2
4 4 KULCN PRGO	1.3	8.9	-7.6	1.4	9.6	-8.2	1.5	10.1	-8.5	1.7	10.4	-8.6	1.8	10.7	-8.9

CENTRAL JAVA 367.0 582.6 -215.6 401.0 623.9 -222.9 436.0 655.6 -219.6 487.0 682.6 -155.4 534.0 705.7 -171.7
AND D.I.YOGYAKARTA

REMARKS
(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)
* KABUPATEN (REGENCY) GUNUNG KUTAMARETA (PLANNING PALATY) OF THE SAME NAME

SURPLUS AND DEFICIT OF AGRICULTURAL PRODUCTS BY KABUPATEN (1975-1985)

EAST JAVA

* COMMODITY SWEET POTETTES (KETELE KAMBATI), FRESH

ICCOMT

KABUPATEN*

1975 1980 1985 1990 1995

(1) (2) (3) (1) (2) (3) (1) (2) (3) (1) (2) (3)

5 1	SURABAYA	5.2	51.5	-42.7	10.2	58.3	-48.2	11.2	69.8	-58.6	12.2	84.1	-71.5	13.5	102.2	-88.7
5 2	SIDHARJO	3.7	16.1	-12.4	4.1	17.1	-13.1	4.5	18.3	-13.8	4.9	19.4	-14.6	5.4	20.4	-15.0
5 3	MOJOKERTO	17.9	15.5	2.4	19.8	16.5	3.3	21.8	17.6	4.0	23.7	15.0	4.7	26.3	20.1	6.2
5 4	JOMBANG	15.6	19.3	-3.7	17.3	20.6	-3.3	19.0	21.5	-2.9	20.7	23.2	-2.8	22.5	24.4	-1.4
5 5	BOJONEGARO	23.4	26.4	3.0	25.9	21.7	4.2	28.5	23.3	5.2	31.0	24.6	6.2	34.4	26.2	8.2
5 6	TUBAN	14.7	17.8	-3.2	16.3	19.0	-2.7	17.9	20.3	-2.4	19.5	21.6	-2.1	21.6	22.7	-1.1
5 7	LAMONGAN	13.3	21.7	-8.4	14.7	23.0	-8.3	16.2	24.5	-8.3	17.6	25.8	-8.2	15.6	26.9	-7.3
5 8	MADIUN	6.0	17.4	-11.4	6.6	18.7	-12.1	7.3	20.4	-13.1	7.5	22.3	-14.4	8.6	24.3	-15.5
5 9	NGAWI	5.5	16.5	-10.9	6.1	17.5	-11.4	6.7	18.6	-11.9	7.3	19.7	-12.4	8.1	20.6	-12.5
5 10	MAGETAN	19.3	13.3	5.9	21.3	14.2	7.1	23.5	15.2	8.2	25.5	16.4	5.1	28.3	17.4	10.9
5 11	PENKONGO	5.2	17.4	-8.2	10.2	18.5	-8.4	11.2	19.8	-8.7	12.2	21.1	-5.0	13.5	22.2	-8.7
5 12	PACITAN	5.5	11.6	-6.1	6.1	12.3	-6.2	6.7	13.3	-6.6	7.3	14.2	-7.0	8.1	15.1	-7.0
5 13	KEDIRI	13.3	30.2	-16.9	14.7	32.4	-17.6	16.2	35.3	-19.1	17.6	38.4	-20.8	15.0	41.6	-22.1
5 14	NGANJUK	7.3	16.5	-11.1	8.1	19.6	-11.5	8.9	20.8	-11.9	9.7	22.0	-12.3	10.8	22.9	-12.1
5 15	BLITAR	20.2	24.1	-3.9	22.4	25.7	-3.3	24.6	27.5	-2.9	26.8	29.2	-2.5	25.7	30.8	-1.1
5 16	TULUNGAGUNG	5.5	18.4	-12.9	6.1	19.5	-13.4	6.7	20.5	-14.2	7.3	22.2	-14.5	8.1	23.3	-15.2
5 17	TRENGGALEK	3.7	12.5	-8.9	4.1	13.4	-9.3	4.5	14.3	-9.9	4.9	15.3	-10.4	5.4	16.2	-10.8
5 18	KALANG	16.1	52.4	-36.3	17.8	56.3	-38.5	19.6	61.6	-42.0	21.3	67.4	-46.1	23.6	73.5	-49.9
5 19	PASUKUAN	6.4	20.2	-16.2	7.1	24.1	-17.0	7.8	25.9	-18.0	8.5	27.6	-18.0	5.4	29.1	-19.6
5 20	PROBOLINGGU	4.6	20.2	-15.6	5.1	21.6	-16.5	5.6	23.2	-17.6	6.1	24.8	-18.7	6.8	26.3	-19.6
5 21	LUMAJANG	16.1	19.0	-2.9	17.8	20.2	-2.5	19.6	21.8	-2.2	21.3	23.3	-2.0	23.6	24.7	-1.1
5 22	BENDOWASO	3.2	13.1	-9.9	3.6	13.9	-10.4	3.9	14.5	-11.0	4.3	15.5	-11.7	4.7	16.8	-12.1
5 23	SITUBUNDU	0.5	11.2	-10.8	0.5	12.0	-11.4	0.6	12.8	-12.2	0.6	13.6	-13.0	0.7	14.3	-13.7
5 24	JEMBER	34.0	40.6	-6.6	37.6	43.1	-5.5	41.4	46.1	-4.8	45.0	49.0	-4.0	45.5	51.4	-1.5
5 25	BANYUWANGI	18.4	31.4	-13.1	20.3	33.4	-13.1	22.4	35.7	-13.3	24.3	27.8	-13.4	27.0	35.6	-12.6
5 26	PAMEKASAN	16.5	11.1	5.5	18.3	11.8	6.5	20.1	12.7	7.4	21.5	13.6	8.3	24.3	14.5	9.8
5 27	SAMPANG	73.9	12.8	61.1	81.8	13.7	68.1	50.0	14.7	75.3	57.9	15.8	82.1	102.7	16.8	91.9
5 28	SUMENEP	14.7	18.5	-3.8	16.3	19.6	-3.3	17.9	20.8	-2.9	19.5	22.0	-2.6	21.6	22.9	-1.3
5 29	BANGKALAN	61.5	15.0	46.5	68.1	15.9	52.2	74.9	17.0	57.9	61.5	18.1	63.4	50.4	18.9	71.5

EAST JAVA 455.0 610.3 -151.3 508.0 653.6 -145.6 559.0 709.3 -150.3 608.0 767.7 -159.7 675.0 826.2 -151.2

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)

* KABUPATEN (REGENCY) CEMERES KOTAPACIA (MUNICIPALITY) OF THE SAME NAME

App. Table IIIE-13

SURPLUS AND DEFICIT OF AGRICULTURAL PRODUCTS BY KABUPATEN (1975-1995)

KABUPATEN*	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
1 0 D.K.I. JAKARTA	0.0	22.6	-22.6	0.0	30.1	-30.1	0.0	35.2	-35.2	0.0	41.1	-41.1	0.0	47.6	-47.6
2 1 PANDEGLANG	0.5	2.4	-1.9	0.6	2.7	-2.1	0.7	3.1	-2.3	0.8	3.5	-2.6	0.9	3.9	-2.9
2 2 SERANG	0.0	3.6	-3.6	0.0	4.1	-4.1	0.0	4.6	-4.6	0.0	5.2	-5.2	0.0	5.8	-5.8
2 3 LEBAK	0.1	2.3	-2.2	0.1	2.6	-2.5	0.1	3.0	-2.9	0.1	3.2	-3.2	0.1	3.7	-3.6
2 4 BEKASI	0.1	3.5	-3.4	0.1	3.9	-3.8	0.1	4.4	-4.3	0.2	5.0	-4.8	0.2	5.5	-5.3
2 5 KRANGS	0.1	4.3	-4.2	0.1	4.8	-4.7	0.1	5.4	-5.3	0.2	6.1	-5.9	0.2	6.8	-6.6
2 6 PURWAKARTA	0.1	1.6	-1.5	0.1	1.8	-1.6	0.2	2.0	-1.9	0.2	2.2	-2.1	0.2	2.6	-2.4
2 7 TANGERANG	0.2	4.5	-4.3	0.2	5.0	-4.8	0.2	5.7	-5.5	0.2	6.4	-6.1	0.3	7.2	-6.9
2 8 SUBANG	0.5	3.8	-3.2	0.7	4.2	-3.6	0.8	4.8	-4.0	0.9	5.4	-4.5	1.0	6.0	-5.0
2 9 BOGOR	0.1	7.5	-7.8	0.1	8.9	-8.7	0.1	10.1	-10.0	0.2	11.5	-11.3	0.2	12.9	-12.7
2 10 SUKABUMI	0.8	5.5	-4.7	1.0	6.2	-5.2	1.2	7.1	-5.9	1.3	7.5	-6.6	1.5	8.9	-7.4
2 11 CIANJUR	0.7	4.8	-4.1	0.9	5.4	-4.5	1.0	6.2	-5.2	1.2	7.0	-5.9	1.3	8.0	-6.6
2 12 BANGUNG	0.5	13.6	-13.1	0.6	15.4	-14.8	0.7	18.4	-17.7	0.8	22.0	-21.2	0.9	26.4	-25.5
2 13 SUMEDANG	0.4	2.7	-2.3	0.5	3.0	-2.5	0.6	3.4	-2.8	0.7	3.8	-3.1	0.8	4.3	-3.5
2 14 GARUT	11.5	5.1	6.8	14.3	5.7	8.5	16.6	6.5	10.2	19.0	7.3	11.7	21.4	8.1	13.3
2 15 TASIKMALAYA	0.2	5.6	-5.4	0.2	6.3	-6.0	0.3	7.1	-6.8	0.2	8.0	-7.7	0.4	8.9	-8.6
2 16 CIAMIS	1.4	5.2	-3.8	1.7	5.8	-4.1	2.0	6.6	-4.6	2.2	7.4	-5.2	2.5	8.3	-5.8
2 17 CIKEMBUN	3.0	5.2	-2.1	3.6	5.8	-2.2	4.2	6.7	-2.4	4.8	7.6	-2.8	5.4	8.7	-3.2
2 18 KUNINGAN	1.0	2.8	-1.8	1.2	3.1	-1.9	1.4	3.5	-2.1	1.6	3.9	-2.3	1.8	4.4	-2.5
2 19 INDRAMAYU	0.6	4.1	-3.5	0.8	4.6	-3.8	0.9	5.2	-4.3	1.0	5.8	-4.8	1.2	6.4	-5.3
2 20 MAJALENGA	2.6	3.3	-0.7	3.1	3.7	-0.6	3.6	4.1	-0.5	4.1	4.6	-0.5	4.6	5.1	-0.4
WEST JAVA AND D.K.I.-JAKARTA	25.0	114.3	-85.3	30.0	133.2	-103.2	35.0	152.2	-118.2	40.0	175.2	-135.2	45.0	199.3	-154.3

ICCGMT
 WEST JAVA
 * COMMODITY SCYA BEANS (KEGELE),SHELLED

REMARKS
 (1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)
 * KABUPATEN (REGENCY) COVERS KOTAMADIA (MUNICIPALITY) OF THE SAME NAME

SURPLUS AND DEFICIT OF AGRICULTURAL PRODUCTS BY KABUPATEN (IN '000 US\$)

CENTRAL JAVA SOYA BEANS (KECELE), SHELLED ICCOMT

KABUPATEN*	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
3 1 BANYUMAS	3.6	4.5	-0.8	4.2	5.0	-0.8	4.9	5.5	-0.6	5.6	5.5	-C.3	6.4	6.4	0.0
3 2 PURBALINGGA	C.8	2.5	-1.7	0.9	2.8	-1.9	1.1	3.1	-2.0	1.2	3.2	-2.1	1.4	3.6	-2.2
3 3 CILACAP	2.3	5.1	-2.8	2.6	5.7	-3.1	3.1	6.3	-3.2	3.5	6.8	-3.3	4.0	7.3	-3.3
3 4 BANJARNEGARA	1.1	2.5	-1.4	1.3	2.8	-1.5	1.5	3.1	-1.6	1.8	3.4	-1.6	2.0	3.6	-1.6
3 5 MAGELANG	0.2	4.0	-3.8	0.3	4.5	-4.3	0.3	5.0	-4.7	0.4	5.5	-5.1	0.4	5.9	-5.5
3 6 TEMANGGUNG	0.5	2.0	-1.6	0.5	2.3	-1.7	0.6	2.5	-1.9	0.7	2.7	-2.0	C.8	2.9	-2.1
3 7 WONOSOBO	0.8	2.2	-1.4	0.9	2.5	-1.5	1.1	2.7	-1.6	1.2	2.8	-1.7	1.4	3.1	-1.8
3 8 PURWOREJO	C.5	2.8	-1.9	1.1	3.2	-2.1	1.2	3.5	-2.2	1.4	3.8	-2.4	1.6	4.1	-2.5
3 9 KEBUMEN	8.5	4.0	4.9	10.4	4.5	5.9	12.1	4.5	7.2	13.5	5.3	8.6	15.7	5.7	10.0
3 10 PEKALONGAN	1.6	2.8	-1.2	1.8	3.1	-1.3	2.1	3.5	-1.3	2.5	3.8	-1.4	2.8	4.2	-1.4
3 11 PEMALANG	1.1	3.4	-2.3	1.3	3.8	-2.5	1.5	4.2	-2.7	1.8	4.6	-2.8	2.0	4.9	-2.9
3 12 TEGAL	3.1	4.1	-1.0	3.6	4.6	-1.0	4.1	5.1	-0.9	4.8	5.5	-0.8	5.4	6.0	-0.6
3 13 BREBES	8.8	4.4	4.4	10.3	5.0	5.3	11.9	5.4	6.5	13.7	5.9	7.8	15.5	6.3	9.2
3 14 BATANG	C.0	2.0	-2.0	0.0	2.2	-2.2	0.0	2.4	-2.4	0.0	2.7	-2.7	C.0	2.9	-2.9
3 15 SEMARANG	0.3	5.9	-5.5	0.4	6.5	-6.1	0.5	7.5	-7.1	0.5	8.1	-7.6	C.6	10.1	-9.5
3 16 KENDAL	0.6	2.8	-2.2	0.7	3.2	-2.5	0.8	3.5	-2.7	0.9	3.7	-2.9	1.0	4.0	-3.0
3 17 DEHAQ	2.7	2.5	0.2	3.2	2.8	0.3	3.7	3.1	0.5	4.2	3.4	C.8	4.8	3.7	1.1
3 18 GRABEGAN	24.8	3.7	31.1	40.7	4.2	36.4	47.1	4.6	42.5	54.2	5.0	45.2	61.3	5.3	55.9
3 19 PATI	6.7	3.6	3.1	7.8	4.0	3.8	9.0	4.4	4.6	10.4	4.8	5.6	11.7	5.1	6.6
3 20 JEPARA	2.0	2.5	-0.4	2.4	2.8	-0.4	2.8	3.1	-0.3	3.2	3.3	-0.2	3.6	3.6	-0.0
3 21 KEMBANG	1.0	1.5	-0.5	1.2	1.7	-0.5	1.4	1.9	-0.5	1.6	2.0	-0.5	1.8	2.2	-0.4
3 22 BLORA	6.1	2.6	3.5	7.1	3.0	4.2	8.3	3.3	5.0	9.5	3.5	6.0	10.7	3.8	6.9
3 23 KUDUS	4.1	1.5	2.2	4.8	2.1	2.6	5.5	2.4	3.1	6.3	2.6	3.8	7.2	2.8	4.4
3 24 KLATEN	3.2	4.1	-0.9	3.7	4.6	-0.9	4.3	5.1	-0.8	4.9	5.5	-0.6	5.6	5.9	-0.3
3 25 BOYOLALI	2.5	3.0	-0.5	2.9	3.4	-0.4	3.4	3.7	-0.3	3.9	4.0	-0.1	4.4	4.3	0.1
3 26 SRAEEN	C.0	2.7	-2.7	0.0	3.0	-3.0	0.0	3.3	-3.3	0.0	3.6	-3.6	C.0	3.9	-3.9
3 27 SUKOHARJO	6.4	3.8	2.6	7.5	4.3	3.2	8.7	4.5	3.8	10.0	5.6	4.4	11.3	6.4	4.9
3 28 KARANGANYAR	1.1	2.1	-1.0	1.3	2.4	-1.0	1.5	2.6	-1.0	1.8	2.8	-1.0	2.0	3.0	-1.0
3 29 WONOGIRI	7.8	3.8	4.0	9.1	4.2	4.9	10.6	4.6	5.9	12.1	5.0	7.1	13.7	5.4	8.3
4 1 BANTUL	2.8	3.8	-1.1	3.1	4.2	-1.1	3.6	4.6	-1.1	4.1	5.1	-1.0	4.7	5.6	-0.8
4 2 SLEMAN	C.9	2.5	-1.6	1.0	2.8	-1.8	1.2	3.1	-1.9	1.4	3.4	-2.0	1.6	3.6	-2.1
4 3 GUNUNG KIDUL	18.4	2.6	15.8	20.7	3.0	17.7	23.8	3.3	20.5	27.6	3.6	24.1	31.5	3.8	27.6
4 4 KULEN PRGO	1.5	1.6	0.3	2.1	1.8	0.3	2.4	2.0	0.5	2.8	2.1	C.7	3.2	2.3	0.9

CENTRAL JAVA 137.0 103.3 33.7 159.0 116.1 42.9 184.0 128.0 56.0 212.0 135.8 72.2 240.0 151.7 88.3
 AND D.1.YUGYAKARTA

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)
 * KABUPATEN (REGENCY) COVERS KOTAPADIA (MUNICIPALITY) OF THE SAME NAME
 KAE-SEMARANG COVERS KUTA-SALATIGA
 KAE-SUKOHARJO COVERS KUTA-SURAKARTA
 KAE-PANTILL COVERS KUTA-YOGYAKARTA

App. Table IIIE-15

SURPLUS AND DEFICIT OF AGRICULTURAL PRODUCTS BY KABUPATEN (1975-1995)

EAST JAVA

* COMMODITY SOYA BEANS (KECELE), SPELLED

ICCCMT

KABUPATEN*	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
5 1 SURABAYA	2.9	5.2	-6.3	3.4	10.9	-7.4	4.0	12.6	-9.7	4.5	17.2	-12.7	5.2	22.0	-16.8
5 2 SIDARJO	2.2	2.9	-0.7	2.6	3.2	-0.6	3.0	3.6	-0.6	3.4	4.0	-0.6	3.5	4.4	-0.5
5 3 MOJOKERTO	5.4	2.7	2.6	6.3	3.1	3.2	7.3	3.5	3.8	8.2	3.5	4.4	5.5	4.3	5.2
5 4 JOMBANG	15.4	3.4	11.9	18.0	3.8	14.2	20.9	4.2	16.6	23.9	4.8	15.1	27.2	5.2	22.0
5 5 BOJONEGORO	11.2	3.6	7.6	13.2	4.0	9.1	15.2	4.5	10.7	17.4	5.1	12.4	15.5	5.6	14.2
5 6 TUBAN	3.7	3.2	0.5	4.3	3.5	0.8	5.0	4.0	1.0	5.7	4.4	1.3	6.5	4.9	1.6
5 7 LAMONGAN	5.5	3.8	5.7	11.2	4.3	6.9	12.9	4.8	8.1	14.8	5.2	5.5	16.8	5.8	11.1
5 8 MACIUN	8.3	3.1	5.2	9.7	3.5	6.3	11.3	4.0	7.3	12.9	4.6	8.3	14.7	5.2	9.5
5 9 NGAWI	5.0	2.5	6.1	10.6	3.3	7.3	12.2	3.6	8.6	14.0	4.0	10.0	16.0	5.4	11.6
5 10 MAGETAN	3.7	2.4	1.3	4.3	2.6	1.6	5.0	3.0	2.0	5.7	3.4	2.3	6.5	3.7	2.7
5 11 PONOROGO	18.5	3.1	15.5	21.7	3.4	18.3	25.2	3.5	21.3	28.8	4.2	24.5	32.8	4.8	28.1
5 12 PACITAN	1.7	2.1	-0.3	2.0	2.3	-0.3	2.3	2.6	-0.3	2.7	2.9	-0.3	3.0	3.3	-0.2
5 13 KEDIRI	5.4	5.4	0.0	6.3	6.0	0.3	7.3	6.5	0.4	8.2	7.5	0.5	9.5	9.0	0.6
5 14 NGANJUK	11.5	3.3	8.2	13.4	3.6	9.8	15.6	4.1	11.5	17.8	4.5	13.3	20.3	4.9	15.4
5 15 ELITAR	7.8	4.3	3.5	9.2	4.8	4.4	10.6	5.4	5.2	12.1	6.0	6.1	13.8	6.6	7.2
5 16 TULUNGAGUNG	2.7	3.3	-0.6	3.1	3.6	-0.5	3.6	4.1	-0.4	4.2	4.5	-0.4	4.8	5.0	-0.3
5 17 TRENGGALEK	4.1	2.2	1.9	4.9	2.5	2.4	5.6	2.8	2.8	6.4	3.1	3.3	7.3	3.5	3.9
5 18 MALANG	5.5	5.3	0.2	11.2	10.5	0.7	12.9	12.0	0.9	14.8	13.8	1.0	16.8	15.8	1.0
5 19 PASUKUAN	11.5	4.0	7.5	13.4	4.5	9.0	15.6	5.0	10.5	17.8	5.6	12.2	20.3	6.3	14.1
5 20 PROBOLINGGO	6.3	3.6	2.8	7.4	4.0	3.4	8.6	4.5	4.1	9.5	5.1	4.8	11.2	5.7	5.6
5 21 LUMAJANG	18.3	3.4	14.9	21.4	3.8	17.7	24.8	4.3	20.6	28.4	4.8	23.7	32.4	5.3	27.1
5 22 BONDOWOSO	4.6	2.3	2.3	5.4	2.6	2.8	6.3	2.9	3.4	7.2	3.3	3.9	8.2	3.6	4.6
5 23 SITUBONDO	2.9	2.0	0.9	3.4	2.2	1.2	4.0	2.5	1.5	4.5	2.8	1.8	5.2	3.1	2.1
5 24 JEMBER	46.6	7.2	39.4	54.6	8.0	46.6	63.2	9.0	54.2	72.4	10.0	62.4	82.5	11.1	71.5
5 25 BANYUWANGI	18.5	5.6	13.0	21.7	6.2	15.5	25.2	7.0	18.2	28.6	7.7	21.1	32.8	8.5	24.3
5 26 PAMEKASAN	0.0	2.0	-2.0	0.0	2.2	-2.2	0.0	2.5	-2.5	0.0	2.8	-2.8	0.0	3.1	-3.1
5 27 SAMPANG	0.0	2.3	-2.3	0.0	2.5	-2.5	0.0	2.9	-2.9	0.0	3.2	-3.2	0.0	3.6	-3.6
5 28 SUMENEP	2.0	3.3	-1.3	2.3	3.6	-1.4	2.6	4.1	-1.4	3.0	4.5	-1.5	3.5	4.9	-1.5
5 29 BANGKALAN	0.7	2.7	-1.9	0.9	3.0	-2.1	1.0	3.3	-2.3	1.1	3.7	-2.6	1.3	4.1	-2.8
EAST JAVA	244.0	108.2	135.8	286.0	121.6	164.4	331.0	138.5	192.5	379.0	157.3	221.1	432.0	177.6	254.4

HH-120

REMARKS
 1. PRODUCTION AVAILABLE (21) CONSUMPTION (31) SURPLUS OR DEFICIT (-)
 2. KABUPATEN, DISTRIK, KECAMATAN, DESA/KAWASAN, KELURAHAN, KOTA

WEST JAVA * COMMODITY PEANUTS (KACANG TANAH)-SPELLEC ICCOMT

KABUPATEN*	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
1 0 C.K.I. JAKARTA	0.0	13.9	-13.9	0.0	18.8	-18.8	0.0	21.5	-21.5	0.0	25.4	-25.4	0.0	28.8	-28.8
2 1 PANDEGLANG	0.6	1.5	-0.8	0.7	1.7	-1.0	0.8	1.9	-1.0	0.9	2.1	-1.2	1.0	2.3	-1.3
2 2 SEKANG	5.1	2.2	2.9	5.7	2.5	3.2	6.5	2.8	3.7	7.2	3.2	4.0	8.1	3.5	4.5
2 3 LEBAK	0.4	1.4	-1.0	0.5	1.6	-1.1	0.6	1.8	-1.2	0.6	2.1	-1.4	0.7	2.2	-1.5
2 4 BEKASI	0.8	2.1	-1.3	0.9	2.4	-1.5	1.0	2.7	-1.7	1.1	3.1	-1.9	1.3	3.3	-2.1
2 5 KRAWANG	1.3	2.6	-1.3	1.5	3.0	-1.5	1.7	3.3	-1.6	1.8	3.8	-1.9	2.1	4.1	-2.0
2 6 PURWAKARTA	0.8	1.0	-0.2	0.9	1.1	-0.2	1.0	1.2	-0.2	1.1	1.4	-0.3	1.3	1.6	-0.3
2 7 TANGKANG	2.7	2.8	-0.1	3.0	3.1	-0.1	3.5	3.5	-0.0	3.8	4.0	-0.1	4.3	4.3	-0.1
2 8 SUBANG	2.2	2.3	-0.1	2.5	2.7	-0.2	2.8	2.5	-0.1	3.1	3.3	-0.2	3.5	3.6	-0.1
2 9 BUGUR	2.3	4.5	-2.6	2.5	5.5	-3.0	2.9	6.2	-3.3	3.2	7.1	-3.9	3.6	7.8	-4.2
2 10 SUKABUMI	2.8	3.4	-0.6	3.2	3.9	-0.7	3.6	4.3	-0.7	4.0	4.5	-0.5	4.5	5.4	-0.9
2 11 CIANJUR	2.5	2.5	-0.4	2.8	3.4	-0.6	3.2	3.8	-0.6	3.5	4.3	-0.8	3.5	4.8	-0.2
2 12 BANDUNG	2.5	8.4	-5.9	2.8	9.6	-6.8	3.2	11.2	-8.0	3.5	13.0	-9.5	3.5	15.9	-12.0
2 13 SUMEDANG	1.8	1.7	0.1	2.0	1.9	0.1	2.3	2.1	0.2	2.6	2.4	0.2	2.8	2.6	0.2
2 14 GAKUT	7.3	3.1	4.2	8.2	3.6	4.7	9.4	3.5	5.5	10.4	4.5	5.9	11.0	4.9	6.7
2 15 TASIKMALAYA	2.5	3.4	-0.9	2.9	3.9	-1.1	3.3	4.3	-1.1	3.6	5.0	-1.3	4.0	5.4	-1.4
2 16 CIAMIS	3.6	3.2	0.6	4.3	3.6	0.6	4.9	4.0	0.8	5.4	4.6	0.8	6.0	5.0	1.0
2 17 CIREBON	2.6	3.2	-0.6	2.9	3.6	-0.7	3.3	4.1	-0.7	3.7	4.7	-1.0	4.1	5.2	-1.1
2 18 KUNINGAN	3.3	1.7	1.6	3.7	1.9	1.7	4.2	2.1	2.1	4.7	2.4	2.2	5.2	2.6	2.6
2 19 INDRAMAYU	1.0	2.5	-1.5	1.2	2.9	-1.7	1.3	3.2	-1.8	1.5	3.6	-2.1	1.7	3.9	-2.2
2 20 MAJALENGKA	3.4	2.0	1.4	3.5	2.3	1.6	4.4	2.5	1.9	4.5	2.8	2.1	5.5	3.1	2.4
WEST JAVA AND C.K.I. JAKARTA	50.0	70.3	-20.3	56.0	83.2	-27.2	64.0	53.4	-29.4	71.0	108.5	-37.5	75.0	120.5	-41.5

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)
 * KABUPATEN (REGENCY) COVERS KOTAHADIA (MUNICIPALITY) OF THE SAME NAME

App. Table IIIE-17 SUKPLUS AND DEFICIT OF AGRICULTURAL PRODUCE BY KABUPATEN (1975-1995)

CENTRAL JAVA PEANUTS (KACANG TANAP), SHELLED ICCOMT

KABUPATEN*	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
3 1 BANYUMAS	1.5	2.7	-0.8	2.2	3.1	-1.0	2.5	3.3	-0.9	2.7	3.7	-1.0	3.5	3.8	-0.8
3 2 PURBALINGGA	2.9	1.5	1.4	3.3	1.8	1.5	3.7	1.5	1.8	4.1	2.1	2.0	4.5	2.2	2.4
3 3 CILACAP	3.3	3.1	0.2	3.8	3.6	0.2	4.3	3.8	0.5	4.7	4.2	0.5	5.2	4.4	0.8
3 4 BANJARNEGARA	1.6	1.6	0.0	1.8	1.8	0.0	2.0	1.5	0.1	2.2	2.1	0.1	2.4	2.2	0.2
3 5 MAGELANG	0.8	2.5	-1.7	0.9	2.8	-1.9	1.0	3.0	-2.0	1.2	3.4	-2.2	1.3	3.6	-2.3
3 6 TEMANGGUNG	0.1	1.2	-1.1	0.2	1.4	-1.2	0.2	1.5	-1.3	0.2	1.7	-1.5	0.2	1.8	-1.5
3 7 MONDOSOBO	0.2	1.3	-1.1	0.3	1.5	-1.2	0.3	1.6	-1.4	0.3	1.8	-1.5	0.3	1.9	-1.6
3 8 PUKWOREJO	1.5	1.7	0.2	2.2	2.0	0.2	2.5	2.1	0.4	2.7	2.3	0.4	3.0	2.5	0.6
3 9 KEBUMEN	4.7	2.5	2.2	5.3	2.8	2.5	6.0	3.0	3.0	6.6	3.2	3.3	7.3	3.5	3.8
3 10 PEKALONGAN	1.0	1.7	-0.7	1.2	2.0	-0.8	1.3	2.1	-0.8	1.5	2.4	-0.9	1.6	2.5	-0.9
3 11 PEMALANG	0.7	2.1	-1.4	0.8	2.4	-1.6	0.9	2.6	-1.7	0.5	2.8	-1.9	1.0	3.0	-1.9
3 12 TEGAL	1.8	2.5	-0.7	2.1	2.9	-0.8	2.4	3.1	-0.7	2.6	3.4	-0.8	2.5	3.6	-0.7
3 13 KEBES	2.1	2.7	-0.6	2.4	3.1	-0.8	2.7	3.3	-0.7	2.9	3.7	-0.7	3.2	3.8	-0.6
3 14 PATANG	1.2	1.7	-0.5	1.3	1.4	-0.1	1.5	1.5	0.0	1.7	1.6	0.0	1.5	1.7	0.1
3 15 SEMARANG	1.0	3.6	-2.6	1.2	4.1	-2.9	1.3	4.6	-3.3	1.5	5.4	-3.9	1.6	6.1	-4.5
3 16 KENCAL	1.0	1.7	-0.7	1.2	2.0	-0.8	1.3	2.1	-0.8	1.5	2.3	-0.8	1.6	2.4	-0.8
3 17 CEMAK	1.0	1.6	-0.5	1.2	1.8	-0.6	1.3	1.5	-0.6	1.5	2.1	-0.6	1.6	2.2	-0.6
3 18 GRABANG	1.3	2.3	-1.0	1.4	2.6	-1.2	1.6	2.8	-1.2	1.8	3.1	-1.3	2.0	3.2	-1.3
3 19 PATI	10.2	2.2	8.0	11.6	2.5	9.1	13.1	2.7	10.4	14.5	2.5	11.5	16.0	3.1	12.9
3 20 JEPARA	7.7	1.5	6.2	8.7	1.7	7.0	9.9	1.9	8.0	10.5	2.1	8.9	12.1	2.2	9.9
3 21 KEMBANG	1.0	0.5	0.0	1.1	1.1	0.0	1.2	1.1	0.1	1.4	1.2	0.1	1.5	1.3	0.2
3 22 BLURA	3.5	1.6	1.9	3.9	1.9	2.1	4.5	2.0	2.5	4.5	2.2	2.7	5.5	2.3	3.2
3 23 KUDUS	1.5	1.2	0.3	1.7	1.3	0.3	1.9	1.4	0.5	2.1	1.6	0.5	2.3	1.7	0.6
3 24 KLATEN	4.4	2.5	1.9	5.0	2.9	2.2	5.7	3.1	2.6	6.3	3.4	2.9	7.0	3.6	3.4
3 25 BOYOLALI	3.7	1.8	1.9	4.2	2.1	2.1	4.8	2.2	2.5	5.3	2.5	2.8	5.8	2.6	3.2
3 26 SRAGEN	4.8	1.7	3.1	5.5	1.9	3.6	6.2	2.0	4.1	6.8	2.2	4.6	7.5	2.4	5.2
3 27 SUKOHARJO	2.2	2.4	-0.1	2.5	2.7	-0.2	2.8	3.0	-0.1	3.1	3.5	-0.3	3.5	3.9	-0.4
3 28 KAKANGANYAR	3.3	1.3	2.0	3.8	1.5	2.3	4.3	1.6	2.7	4.7	1.7	3.0	5.2	1.8	3.4
3 29 KONGGIRI	3.0	2.3	0.7	3.4	2.6	0.8	3.9	2.8	1.1	4.3	3.1	1.2	4.8	3.3	1.5
4 1 BANTUL	2.3	2.3	-0.1	2.6	2.6	-0.0	2.9	2.8	0.1	3.2	3.2	0.1	3.7	3.4	0.3
4 2 SLEMAN	2.0	1.5	0.5	2.3	1.8	0.6	2.6	1.9	0.7	2.9	2.1	0.8	3.3	2.2	1.1
4 3 GUNUNG KIDUL	22.1	1.6	20.5	25.4	1.9	23.5	28.7	2.0	26.7	32.0	2.2	29.8	36.1	2.3	33.8
4 4 KULCN PROGO	0.6	1.0	-0.4	0.7	1.1	-0.5	0.7	1.2	-0.5	0.8	1.2	-0.5	0.9	1.4	-0.5
CENTRAL JAVA AND D.1-YOGYAKARTA	101.0	63.6	37.4	115.0	72.5	42.5	130.0	78.0	52.0	144.0	86.5	57.5	160.0	91.7	60.3

REMARKS
 (1) PRODUCTION AVAILABLE
 (2) LICENSING
 (3) DEFICIT

SURPLUS AND DEFICIT OF AGRICULTURAL PRODUCTS BY KABUPATEN (1975-1995)

EAST JAVA * COMMODITY PEANUTS (KACANG TANAH) SHELLED ICCOMT

KABUPATEN*	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
5 1 SURABAYA	7.1	5.7	1.4	8.1	6.8	1.3	9.1	8.3	0.8	10.2	10.7	-0.4	11.3	13.3	-2.0
5 2 SIDOARJO	0.1	1.8	-1.6	0.1	2.0	-1.9	0.1	2.2	-2.0	0.2	2.5	-2.3	C.2	2.6	-2.5
5 3 MOJOKERTO	4.7	1.7	3.0	5.3	1.9	3.4	6.0	2.1	3.8	6.7	2.4	4.3	7.4	2.6	4.8
5 4 JOMBANG	2.5	2.1	0.8	3.3	2.4	0.9	3.7	2.6	1.1	4.2	2.5	1.2	4.6	3.2	1.4
5 5 BOJONEGORO	C.5	2.2	-1.3	1.0	2.5	-1.5	1.1	2.8	-1.6	1.5	3.1	-1.5	1.4	3.4	-2.0
5 6 TUBAN	15.0	1.9	13.0	17.0	2.2	14.8	19.2	2.4	16.8	21.6	2.7	18.5	23.5	2.9	20.9
5 7 LAMONGAN	8.0	2.4	5.6	9.1	2.7	6.4	10.2	2.5	7.3	11.5	3.3	8.2	12.7	3.5	9.2
5 8 MACIUN	0.3	1.9	-1.6	0.4	2.2	-1.8	0.4	2.4	-2.0	0.5	2.8	-2.3	C.5	3.2	-2.6
5 9 NGAWI	1.7	1.8	-0.1	1.9	2.0	-0.1	2.1	2.2	-0.1	2.4	2.5	-0.1	2.7	2.7	-0.0
5 10 MAGETAN	2.2	1.5	0.8	2.5	1.7	0.9	2.8	1.8	1.0	3.2	2.1	1.1	3.5	2.3	1.3
5 11 PONGKOGO	C.4	1.9	-1.5	2.2	2.2	-1.7	0.6	2.4	-1.8	0.6	2.7	-2.0	C.7	2.3	-2.2
5 12 PACITAN	0.8	1.3	-0.5	0.9	1.4	-0.6	1.0	1.6	-0.6	1.1	1.6	-0.7	1.2	2.0	-0.7
5 13 KEDIRI	5.1	3.3	1.8	5.8	3.8	2.0	6.5	4.2	2.3	7.4	4.5	2.5	8.1	5.4	2.7
5 14 NGANJUK	1.7	2.0	-0.3	1.9	2.3	-0.4	2.1	2.5	-0.4	2.4	2.8	-0.4	2.7	3.0	-0.3
5 15 BLITAR	7.9	2.6	5.3	8.9	3.0	6.0	10.1	3.3	6.8	11.4	3.7	7.7	12.6	4.0	8.6
5 16 TULUNGAGUNG	1.9	2.0	-0.1	2.1	2.3	-0.1	2.4	2.5	-0.1	2.7	2.8	-0.1	3.0	3.0	-0.0
5 17 TRENGGALEK	C.9	1.4	-0.5	1.0	1.6	-0.5	1.1	1.7	-0.6	1.3	1.5	-0.7	1.4	2.1	-0.7
5 18 MALANG	3.5	5.7	-1.8	4.4	6.5	-2.1	5.0	7.3	-2.4	5.6	8.5	-2.5	6.2	9.6	-5.4
5 19 PASURUAN	6.5	2.5	4.1	7.4	2.8	4.6	8.4	3.1	5.3	5.4	3.5	5.9	10.4	3.8	6.7
5 20 PROBOLINGGO	1.3	2.2	-0.9	1.5	2.5	-1.0	1.7	2.8	-1.1	1.9	3.1	-1.2	2.1	3.4	-1.3
5 21 LUMAJANG	0.7	2.1	-1.4	0.8	2.4	-1.6	0.9	2.6	-1.7	1.0	3.0	-2.0	1.1	3.2	-2.1
5 22 BUNDOWOSO	C.5	1.4	-0.5	1.0	1.6	-0.6	1.1	1.8	-0.6	1.3	2.0	-0.7	1.4	2.2	-0.8
5 23 SITUBONDO	C.6	1.2	-0.7	0.6	1.4	-0.8	0.7	1.5	-0.8	0.8	1.7	-0.9	C.5	1.9	-1.0
5 24 JEMBER	5.4	4.4	1.0	6.2	5.0	1.2	7.0	5.5	1.5	7.8	6.2	1.6	8.7	6.7	2.0
5 25 BANYUWANGI	1.7	3.4	-1.8	1.9	3.9	-2.0	2.1	4.2	-2.1	2.4	4.8	-2.4	2.7	5.1	-2.5
5 26 PALEKASAN	1.0	1.2	-0.2	1.1	1.4	-0.2	1.3	1.5	-0.2	1.4	1.7	-0.3	1.6	1.9	-0.3
5 27 SAMPANG	5.1	1.4	3.7	5.8	1.6	4.2	6.5	1.8	4.8	7.4	2.0	5.4	8.1	2.2	6.0
5 28 SUMENEP	7.5	2.0	5.5	8.6	2.3	6.3	9.7	2.5	7.2	10.5	2.8	8.1	12.0	3.0	9.1
5 29 BANGKALAN	14.9	1.6	13.2	16.9	1.8	15.0	19.0	2.0	17.0	21.4	2.5	15.1	23.7	2.5	21.3
EAST JAVA	111.0	66.6	44.4	126.0	76.0	50.0	142.0	84.4	57.6	160.0	97.4	62.6	177.0	107.4	69.6

REMARKS
 (1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)
 * KABUPATEN (REGION) CUMBERS KOTAMADIA (MUNICIPALITY) OF THE SAME NAME

App. Table IIIE-19 SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION BY KABUPATEN (1975-1995)

1000MT

* WEST JAVA INCL. D.K.I. JAKARTA
* COMMODITY OTHER FOOD CROPS

	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
1 0 D.K.I. JAKARTA	311.5	307.4	4.1	412.1	406.7	5.4	479.1	472.9	6.2	555.1	547.9	7.2	639.1	630.8	8.3
2 1 PANDEGLANG	65.5	32.8	32.7	73.2	36.6	36.6	83.2	41.3	41.9	94.0	46.1	47.9	105.8	51.2	54.6
2 2 SERANG	53.5	49.3	4.2	59.8	55.0	4.8	68.0	62.0	6.0	76.8	69.3	7.5	86.4	77.0	9.4
2 3 LEBAK	30.8	31.6	-0.8	34.4	35.2	-0.8	39.1	39.7	-0.6	44.2	44.4	-0.2	49.7	49.2	0.5
2 4 BEKASI	63.0	47.3	15.7	70.3	52.6	17.6	80.0	59.2	20.8	90.4	66.0	24.4	101.7	73.0	28.7
2 5 KRAJANG	66.9	58.0	8.9	74.7	64.6	10.1	85.0	72.8	12.2	96.0	81.2	14.8	108.0	89.9	18.1
2 6 PURWAKARTA	48.7	21.5	27.2	54.4	24.0	30.4	61.9	27.3	34.6	69.9	31.0	38.9	78.7	34.9	43.8
2 7 TANGERANG	44.1	61.0	-16.9	49.2	68.0	-18.8	55.9	76.6	-20.7	63.2	85.7	-22.5	71.1	95.2	-24.1
2 8 SUBANG	41.2	51.5	-10.3	45.9	57.3	-11.4	52.3	64.3	-12.1	59.1	71.7	-12.6	66.4	79.1	-12.7
2 9 BOGOR	61.9	107.2	-45.3	69.1	119.7	-50.6	78.5	135.7	-57.2	88.8	152.8	-64.0	99.9	171.1	-71.2
2 10 SUKABUMI	75.5	75.3	0.2	84.3	84.0	0.3	95.9	94.7	1.2	108.4	106.0	2.4	121.9	117.7	4.2
2 11 CIANJUR	104.8	65.1	39.7	116.9	72.7	44.2	133.0	82.7	50.3	150.5	93.6	56.9	169.2	105.4	63.8
2 12 BANDUNG	151.2	184.4	-33.2	168.8	207.8	-39.0	192.0	246.9	-54.9	217.2	293.6	-76.4	244.1	349.6	-105.5
2 13 SUMEDANG	55.0	36.9	18.1	61.5	41.0	20.5	69.9	46.1	23.8	79.0	51.5	27.5	88.9	56.9	32.0
2 14 GARUT	90.5	69.1	21.4	101.1	77.0	24.1	114.9	86.7	28.2	129.9	97.0	32.9	146.1	107.6	38.5
2 15 TASIKMALAYA	65.9	76.0	-10.1	73.6	84.8	-11.2	83.7	95.5	-11.8	94.6	106.8	-12.2	106.4	118.5	-12.1
2 16 CIAMIS	94.3	70.3	24.0	105.3	78.4	26.9	119.7	88.3	31.4	135.4	98.8	36.6	152.2	109.7	42.5
2 17 CIREBON	40.8	70.3	-29.5	45.5	78.5	-33.0	51.8	89.6	-37.8	58.5	101.8	-43.3	65.8	115.0	-49.2
2 18 KUNINGAN	36.1	37.8	-1.7	40.3	42.1	-1.8	45.8	47.2	-1.4	51.8	52.6	-0.8	58.3	58.1	0.2
2 19 INDRAMAYU	40.3	56.1	-15.8	45.0	62.4	-17.4	51.1	69.9	-18.8	57.8	77.6	-19.8	65.0	85.2	-20.2
2 20 MAJALENGKA	32.4	44.5	-12.1	36.2	49.5	-13.3	41.2	55.3	-14.1	46.6	61.2	-14.6	52.4	67.0	-14.6
TOTAL	1573.9	1553.4	20.5	1821.6	1797.8	23.8	2082.0	2054.9	27.1	2367.2	2336.4	30.8	2677.1	2642.1	35.0

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)

* KABUPATEN (REGENCY) COVERS KOTAHADIA (MUNICIPALITY) OF THE SAME NAME

APP. Table III-20

SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION OF KABUPATEN IN 1975-1995

* CENTRAL JAWA INCL. D.I. YOGYAKARTA
* COMMODITY OTHER FOOD CROPS

1000MT

	1975				1985				1990				1995			
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	
3 1 BANYUMAS	54.8	60.7	-5.9	61.2	67.8	-6.6	67.0	73.7	-6.7	72.8	79.1	-6.3	78.6	84.2	-5.6	
3 2 PURBALINGGA	36.3	33.9	2.5	40.6	37.9	2.7	44.5	41.3	3.2	48.3	44.4	3.9	52.2	47.4	4.8	
3 3 CILACAP	82.6	68.8	13.8	92.3	76.9	15.4	101.2	83.9	17.3	109.9	90.4	19.4	118.6	96.7	21.9	
3 4 BANJARNEGARA	60.0	34.2	25.8	67.0	38.3	28.7	73.5	41.7	31.7	79.8	45.0	34.8	86.1	48.1	38.0	
3 5 MAGELANG	50.6	54.7	-4.1	56.4	61.1	-4.6	61.9	67.0	-5.2	67.2	72.9	-5.6	72.5	78.8	-6.2	
3 6 TEMANGGUNG	44.0	27.3	16.6	49.1	30.5	18.6	53.8	33.4	20.4	58.4	36.2	22.2	63.1	39.0	24.1	
3 7 MONOSOMO	48.4	29.6	18.7	54.0	33.1	20.9	59.2	36.1	23.1	64.3	39.0	25.3	69.4	41.7	27.7	
3 8 PURWOREJO	56.5	38.2	18.3	63.1	42.7	20.4	69.2	46.6	22.6	75.1	50.3	24.8	81.1	53.8	27.3	
3 9 KEBUMEN	60.7	54.2	6.5	67.8	60.6	7.2	74.3	66.1	8.2	80.7	71.2	9.5	87.1	76.1	11.0	
3 10 PEKALONGAN	24.2	37.8	-13.6	27.0	42.2	-15.1	29.6	46.5	-16.9	32.2	50.9	-18.7	34.8	55.5	-20.7	
3 11 PEMALANG	27.2	46.1	-18.8	30.4	51.4	-21.0	33.3	56.2	-22.8	36.2	60.8	-24.6	39.1	65.3	-26.2	
3 12 TEGAL	21.7	55.5	-33.8	24.3	62.0	-37.8	26.6	68.0	-41.4	28.9	73.9	-45.0	31.2	79.8	-48.6	
3 13 BREBES	32.0	60.0	-28.0	35.8	67.1	-31.3	39.2	73.1	-33.9	42.6	78.7	-36.1	46.0	84.1	-38.1	
3 14 BATANG	27.2	26.8	0.4	30.4	29.9	0.5	33.3	32.7	0.6	36.2	35.4	0.8	39.1	38.0	1.0	
3 15 SEMARANG	62.8	79.7	-16.8	70.1	88.3	-18.1	76.9	101.0	-24.1	83.5	115.8	-32.2	90.1	133.4	-43.3	
3 16 KENDAL	32.3	38.2	-5.8	36.1	42.6	-6.5	39.6	46.3	-6.7	43.0	49.8	-6.8	46.4	53.1	-6.7	
3 17 DEMAK	35.9	34.4	1.5	40.1	38.4	1.7	44.0	41.9	2.1	47.8	45.2	2.5	51.6	48.4	3.2	
3 18 GRABUWAN	53.8	50.9	2.9	60.1	56.9	3.2	65.9	61.9	3.9	71.5	66.6	5.0	77.2	70.9	6.3	
3 19 PATI	56.6	48.3	8.3	63.2	54.0	9.2	69.3	58.8	10.5	75.3	63.4	11.8	81.3	67.8	13.5	
3 20 JEPARA	41.2	33.7	7.5	46.0	37.6	8.3	50.4	41.1	9.3	54.7	44.4	10.3	59.1	47.6	11.5	
3 21 REMBANG	36.9	20.6	16.3	41.2	23.1	18.1	45.1	25.2	19.9	49.0	27.2	21.8	52.9	29.2	23.7	
3 22 BLORA	48.0	35.8	12.2	53.6	40.0	13.6	58.8	43.7	15.1	63.8	47.1	16.8	68.9	50.4	18.5	
3 23 KUDUS	14.4	25.9	-11.6	16.0	28.9	-12.9	17.6	31.7	-14.1	19.1	34.3	-15.2	20.6	37.0	-16.4	
3 24 KLAJEN	22.9	55.8	-32.9	25.6	62.4	-36.8	28.1	67.9	-39.8	30.5	73.1	-42.6	32.9	77.9	-45.0	
3 25 BOYOLALI	44.7	40.5	4.2	49.9	45.3	4.7	54.8	49.2	5.5	59.4	53.0	6.5	64.2	56.5	7.7	
3 26 SRAGEN	38.8	36.8	2.0	43.3	41.1	2.2	47.5	44.9	2.6	51.6	48.4	3.2	55.7	51.8	3.9	
3 27 SUKOHARJO	20.4	52.2	-31.8	22.8	57.9	-35.1	25.0	65.7	-40.8	27.1	74.5	-47.4	29.3	84.9	-55.7	
3 28 KARANGANYAR	32.2	28.4	3.8	36.0	31.8	4.2	39.5	34.5	4.9	42.9	37.0	5.8	46.3	39.4	6.9	
3 29 WONOGIRI	109.3	51.1	58.1	122.0	57.2	64.8	133.8	62.3	71.5	145.3	67.0	78.2	156.8	71.4	85.4	
4 1 BANTUL	61.1	51.8	9.4	68.3	57.2	11.0	74.4	62.3	12.1	80.5	68.4	12.2	86.7	73.7	13.0	
4 2 SLEMAN	47.4	34.1	13.2	52.9	38.3	14.6	57.6	41.8	15.9	62.4	44.9	17.5	67.2	48.3	18.9	
4 3 GUNUNG KIDUL	20.3	36.0	-15.6	22.7	40.4	-17.7	24.8	44.1	-19.3	26.8	47.4	-20.6	28.9	50.9	-22.0	
4 4 KULON PROGO	16.4	21.5	-5.1	18.3	24.1	-5.8	20.0	26.3	-6.4	21.6	28.3	-6.7	23.3	30.4	-7.1	
TOTAL	1421.9	1403.5	18.4	1587.5	1566.9	20.6	1739.6	1717.0	22.5	1888.6	1864.1	24.4	2038.0	2011.4	26.6	

REMARKS

(1)PRODUCTIV AVAILABLE (2)CONSUMPTION (3)SURPLUS OR DEFICIT(-)

* KABUPATEN(AGENCY) COVERS KOTAMADIA(MUNICIPALITY) OF THE SAME NAME

KAB.SEMARANG COVERS KOTA.SALATIGA KAB.SUKOHARJO COVERS KOTA.SURAKARTA KAB.BANTUL COVERS KOTA.YOGYAKARTA

App. Table IIIE-21 SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION BY KABUPATEN (1975-1995)

KABUPATEN*	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
5 1 SURABAYA	31.5	124.9	-93.5	35.1	146.5	-111.4	39.8	182.8	-143.1	44.9	229.7	-184.8	50.4	291.3	-240.9
5 2 SIDHARJ	25.6	38.8	-13.2	28.6	43.0	-14.5	32.3	47.9	-15.6	36.5	53.1	-16.6	41.0	58.1	-17.1
5 3 MOJOKERTO	47.6	37.3	10.2	53.1	41.5	11.6	60.1	46.5	13.6	67.8	51.9	15.9	76.2	57.4	18.8
5 4 JOYOBANG	35.3	46.5	-11.3	39.3	51.5	-12.3	44.5	57.4	-12.9	50.3	63.5	-13.2	56.4	69.4	-13.0
5 5 BOJONEGLO	37.8	49.1	-11.3	42.2	54.5	-12.3	47.8	60.9	-13.2	53.9	67.7	-13.8	60.6	74.6	-14.1
5 6 TUBAN	50.6	43.0	7.6	56.5	47.7	8.8	63.9	53.1	10.8	72.1	58.9	13.2	81.0	64.6	16.4
5 7 LAMONGAN	25.3	52.2	-27.0	28.2	57.8	-29.6	31.9	64.1	-32.2	36.0	70.5	-34.5	40.4	76.7	-36.2
5 8 MADILU	44.6	41.9	2.8	49.8	46.9	2.9	56.4	53.5	2.9	63.7	60.9	2.7	71.5	69.2	2.3
5 9 NGARI	27.1	39.6	-12.5	30.3	43.9	-13.6	34.3	48.8	-14.5	38.7	53.9	-15.1	43.5	58.8	-15.3
5 10 MAGEJAN	8.5	32.1	-23.6	9.5	35.7	-25.3	10.7	40.1	-29.4	12.1	44.8	-32.7	13.6	49.6	-36.1
5 11 PONOROGO	43.8	41.9	1.8	48.9	46.5	2.3	55.3	52.0	3.3	62.4	57.7	4.7	70.1	63.4	6.7
5 12 PACIJAN	31.0	27.9	3.1	34.6	31.0	3.6	39.1	34.8	4.3	44.2	38.9	5.3	49.6	43.1	6.5
5 13 KEDIRI	36.0	72.7	-34.7	42.4	81.3	-38.9	48.0	92.5	-44.5	54.2	105.0	-50.8	60.9	118.7	-57.8
5 14 NGANJUK	9.4	44.5	-35.0	10.5	49.2	-38.7	11.9	54.6	-42.6	13.4	60.1	-46.7	15.1	65.3	-50.2
5 15 BLITAR	62.5	58.1	4.4	69.8	64.5	5.3	79.0	71.9	7.0	89.1	79.9	9.3	100.1	87.7	12.4
5 16 TULUNGAGUNG	5.4	44.3	-38.8	6.1	49.0	-43.0	6.9	54.7	-47.8	7.8	60.6	-52.8	8.7	66.4	-57.7
5 17 TRENGGALEK	11.4	30.2	-18.8	12.7	33.6	-20.9	14.4	37.6	-23.2	16.2	41.8	-25.6	18.2	46.2	-28.0
5 18 MALANG	96.0	126.1	-30.2	107.1	141.4	-34.2	121.3	161.4	-40.1	136.9	184.1	-47.2	153.7	209.4	-55.7
5 19 PASURUAN	53.3	54.5	-1.2	59.5	60.5	-1.0	67.4	67.7	-0.3	76.1	75.3	0.8	85.4	82.9	2.5
5 20 PROBOLINGGO	37.3	48.7	-11.4	41.6	54.2	-12.5	47.1	60.7	-13.6	53.2	67.8	-14.6	59.7	75.1	-15.3
5 21 LURAJANG	47.8	45.8	2.0	53.4	50.8	2.6	60.4	57.0	3.4	68.2	63.6	4.6	76.6	70.3	6.3
5 22 BONDOWOSO	43.5	31.5	12.0	48.5	35.0	13.5	54.9	39.1	15.8	62.0	43.5	18.5	69.6	47.9	21.7
5 23 SITUBONDO	24.4	27.0	-2.6	27.2	30.0	-2.8	30.8	33.5	-2.7	34.8	37.2	-2.4	39.1	40.9	-1.8
5 24 JEMBER	101.4	97.8	3.6	113.2	109.3	4.9	128.1	120.8	7.4	144.7	133.7	10.9	162.4	146.5	15.9
5 25 BANYUWANGI	294.3	75.7	218.5	329.1	83.9	245.2	372.4	93.4	279.0	420.2	103.2	317.0	471.9	112.7	359.2
5 26 PAMEKASAN	56.3	26.7	29.7	62.9	29.6	33.2	71.1	33.3	37.8	80.3	37.2	43.1	90.2	41.3	48.9
5 27 SAMPANG	15.6	30.8	-15.2	16.9	34.3	-17.4	19.2	38.6	-19.4	21.6	43.1	-21.5	24.3	47.9	-23.6
5 28 SUMEPEP	129.5	44.5	85.0	144.5	49.2	95.3	163.6	54.6	109.0	184.7	60.1	124.5	207.3	65.3	142.0
5 29 BANGKALAN	55.1	36.0	19.1	61.5	40.0	21.6	69.6	44.5	25.1	78.6	49.3	29.3	88.2	54.0	34.3
TOTAL	1489.7	1470.3	19.4	1663.2	1641.5	21.7	1882.3	1857.8	24.5	2124.8	2097.1	27.6	2385.8	2354.7	31.1

REMARKS
 (1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)
 * KABUPATEN (REGENCY) COVERS KOTAMADIA (MUNICIPALITY) OF THE SAME NAME

App. Table IIIB-22

SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION BY KABUPATEN (1975-1995)

1000MT

* WEST JAWA INCL. D.K.I. JAKARTA

* COMMODITY CEMENT

KABUPATEN*

	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
1 0 D.K.I. JAKARTA	0.0	222.1	-222.1	0.0	445.8	-445.8	0.0	781.6	-781.6	0.0	1370.7	-1370.7	0.0	2373.7	-2373.7
2 1 PANDEGLANG	0.0	9.6	-9.6	0.0	16.2	-16.2	0.0	28.0	-28.0	0.0	48.6	-48.6	0.0	83.1	-83.1
2 2 SERANG	0.0	14.5	-14.5	0.0	24.5	-24.5	0.0	42.3	-42.3	0.0	73.2	-73.2	0.0	125.3	-125.3
2 3 LEBAK	0.0	9.2	-9.2	0.0	15.5	-15.5	0.0	26.9	-26.9	0.0	46.4	-46.4	0.0	79.4	-79.4
2 4 BEKASI	0.0	13.5	-13.5	0.0	22.7	-22.7	0.0	39.2	-39.2	0.0	67.2	-67.2	0.0	114.1	-114.1
2 5 KRAWANG	0.0	16.7	-16.7	0.0	28.2	-28.2	0.0	48.7	-48.7	0.0	83.8	-83.8	0.0	142.7	-142.7
2 6 PURWAKARTA	0.0	7.0	-7.0	0.0	11.8	-11.8	0.0	20.8	-20.8	0.0	36.9	-36.9	0.0	65.0	-65.0
2 7 TANGERANG	0.0	17.8	-17.8	0.0	30.2	-30.2	0.0	52.2	-52.2	0.0	90.2	-90.2	0.0	154.5	-154.5
2 8 SUBANG	0.0	14.5	-14.5	0.0	24.4	-24.4	0.0	41.9	-41.9	0.0	71.8	-71.8	0.0	121.5	-121.5
2 9 BOGOR	0.0	33.1	-33.1	450.0	56.1	393.9	900.0	98.2	801.8	1350.0	172.2	1177.8	1800.0	299.1	1500.9
2 10 SUKABUMI	0.0	22.1	-22.1	0.0	37.5	-37.5	0.0	64.8	-64.8	0.0	112.3	-112.3	0.0	192.3	-192.3
2 11 CIANJUR	0.0	20.8	-20.8	0.0	35.3	-35.3	0.0	62.2	-62.2	0.0	109.9	-109.9	0.0	192.9	-192.9
2 12 BANDUNG	0.0	82.8	-82.8	0.0	142.6	-142.6	0.0	264.9	-264.9	0.0	495.6	-495.6	0.0	924.1	-924.1
2 13 SUMEDANG	0.0	10.5	-10.5	0.0	17.7	-17.7	0.0	30.5	-30.5	0.0	52.3	-52.3	0.0	88.8	-88.8
2 14 GARUT	0.0	20.1	-20.1	0.0	34.1	-34.1	0.0	58.9	-58.9	0.0	101.7	-101.7	0.0	174.0	-174.0
2 15 TASIKMALAYA	0.0	22.1	-22.1	0.0	37.5	-37.5	0.0	64.8	-64.8	0.0	112.1	-112.1	0.0	191.5	-191.5
2 16 CIAMIS	0.0	20.5	-20.5	0.0	34.7	-34.7	0.0	60.0	-60.0	0.0	103.9	-103.9	0.0	177.7	-177.7
2 17 CIREBON	0.0	23.0	-23.0	0.0	39.2	-39.2	0.0	69.3	-69.3	0.0	123.2	-123.2	0.0	217.2	-217.2
2 18 KUNINGAN	0.0	10.7	-10.7	0.0	18.0	-18.0	0.0	30.8	-30.8	0.0	52.9	-52.9	0.0	89.4	-89.4
2 19 INDRAMAYU	0.0	15.3	-15.3	0.0	25.8	-25.8	0.0	43.9	-43.9	0.0	74.7	-74.7	0.0	124.9	-124.9
2 20 MAJALENGKA	0.0	11.9	-11.9	0.0	20.1	-20.1	0.0	34.1	-34.1	0.0	57.6	-57.6	0.0	95.6	-95.6
TOTAL	0.0	617.9	-617.9	450.0	1118.0	-668.0	900.0	1964.0	-1064.0	1350.0	3457.3	-2107.3	1800.0	6026.7	-4226.7

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)

* KABUPATEN (REGENCY) COVERS KOTAMADIA (MUNICIPALITY) OF THE SAME NAME

App. Table IIIE-23 SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION BY KABUPATEN (1975-1995)

* CENTRAL JAWA INCL. D.I. YOGYAKARTA
 * COMMODITY CEMENT
 1000MT

	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
KABUPATEN*															
3 1 BANYUWAS	0.0	16.1	-16.1	0.0	27.2	-27.2	0.0	44.7	-44.7	0.0	73.0	-73.0	0.0	117.3	-117.3
3 2 PURBALINGGA	0.0	9.3	-9.3	0.0	15.7	-15.7	0.0	26.0	-26.0	0.0	42.7	-42.7	0.0	69.1	-69.1
3 3 CILACAP	0.0	19.4	-19.4	360.0	32.8	327.2	810.0	54.3	755.7	1260.0	89.5	1170.5	1260.0	145.7	1114.3
3 4 BANJARNEGARA	0.0	9.6	-9.6	0.0	16.2	-16.2	0.0	26.8	-26.8	0.0	44.3	-44.3	0.0	71.9	-71.9
3 5 MAGELANG	0.0	17.0	-17.0	0.0	28.7	-28.7	0.0	48.3	-48.3	0.0	80.8	-80.8	0.0	134.6	-134.6
3 6 TEMANGGUNG	0.0	8.2	-8.2	0.0	13.9	-13.9	0.0	23.3	-23.3	0.0	38.7	-38.7	0.0	63.9	-63.9
3 7 WONOSOBO	0.0	8.3	-8.3	0.0	14.1	-14.1	0.0	23.3	-23.3	0.0	38.5	-38.5	0.0	62.7	-62.7
3 8 PURWOREJO	0.0	10.8	-10.8	0.0	18.4	-18.4	0.0	30.4	-30.4	0.0	50.3	-50.3	0.0	82.0	-82.0
3 9 KEBUMEN	0.0	15.1	-15.1	0.0	25.5	-25.5	0.0	42.2	-42.2	0.0	69.6	-69.6	0.0	113.2	-113.2
3 10 PEKALONGAN	0.0	12.7	-12.7	0.0	21.4	-21.4	0.0	36.2	-36.2	0.0	61.3	-61.3	0.0	103.3	-103.3
3 11 PEMALANG	0.0	13.4	-13.4	0.0	22.5	-22.5	0.0	37.5	-37.5	0.0	62.4	-62.4	0.0	102.4	-102.4
3 12 LEGAL	0.0	17.1	-17.1	0.0	28.9	-28.9	0.0	48.4	-48.4	0.0	81.1	-81.1	0.0	134.7	-134.7
3 13 BREBES	0.0	16.7	-16.7	0.0	28.2	-28.2	0.0	46.6	-46.6	0.0	76.7	-76.7	0.0	124.4	-124.4
3 14 BATANG	0.0	7.9	-7.9	0.0	13.3	-13.3	0.0	22.1	-22.1	0.0	36.6	-36.6	0.0	60.3	-60.3
3 15 SEMARANG	0.0	41.9	-41.9	0.0	70.1	-70.1	0.0	123.3	-123.3	0.0	218.9	-218.9	0.0	389.3	-389.3
3 16 KENDAL	0.0	10.3	-10.3	0.0	17.4	-17.4	0.0	28.6	-28.6	0.0	46.8	-46.8	0.0	75.5	-75.5
3 17 DEMAK	0.0	9.7	-9.7	0.0	16.4	-16.4	0.0	27.1	-27.1	0.0	44.8	-44.8	0.0	73.0	-73.0
3 18 GRABEGAY	0.0	13.8	-13.8	0.0	23.2	-23.2	0.0	38.4	-38.4	0.0	62.8	-62.8	0.0	101.2	-101.2
3 19 PATI	0.0	13.5	-13.5	0.0	22.8	-22.8	0.0	37.2	-37.2	0.0	62.1	-62.1	0.0	100.8	-100.8
3 20 JEPARA	0.0	9.7	-9.7	0.0	16.4	-16.4	0.0	27.2	-27.2	0.0	45.1	-45.1	0.0	73.7	-73.7
3 21 REMBANG	0.0	6.0	-6.0	0.0	10.2	-10.2	0.0	16.9	-16.9	0.0	28.0	-28.0	0.0	46.0	-46.0
3 22 BLORA	0.0	10.2	-10.2	0.0	17.2	-17.2	0.0	28.5	-28.5	0.0	47.1	-47.1	0.0	76.9	-76.9
3 23 KUDUS	0.0	7.8	-7.8	0.0	13.1	-13.1	0.0	21.8	-21.8	0.0	36.3	-36.3	0.0	60.1	-60.1
3 24 Klaten	0.0	15.2	-15.2	0.0	25.7	-25.7	0.0	42.4	-42.4	0.0	69.7	-69.7	0.0	112.6	-112.6
3 25 BOYDLALI	0.0	11.0	-11.0	0.0	18.5	-18.5	0.0	30.5	-30.5	0.0	50.0	-50.0	0.0	80.8	-80.8
3 26 SRAGEN	0.0	10.4	-10.4	0.0	17.5	-17.5	0.0	29.1	-29.1	0.0	47.9	-47.9	0.0	78.0	-78.0
3 27 SUKOHARJO	0.0	25.1	-25.1	0.0	42.1	-42.1	0.0	73.7	-73.7	0.0	129.9	-129.9	0.0	229.2	-229.2
3 28 KARANGANYAR	0.0	7.5	-7.5	0.0	12.6	-12.6	0.0	20.7	-20.7	0.0	33.7	-33.7	0.0	54.1	-54.1
3 29 WONOGIRI	0.0	14.0	-14.0	0.0	23.6	-23.6	0.0	38.9	-38.9	0.0	63.9	-63.9	0.0	103.2	-103.2
4 1 BANTUL	0.0	23.1	-23.1	0.0	38.3	-38.3	0.0	62.8	-62.8	0.0	105.7	-105.7	0.0	171.8	-171.8
4 2 SLEMAN	0.0	8.8	-8.8	0.0	15.0	-15.0	0.0	24.6	-24.6	0.0	40.1	-40.1	0.0	64.8	-64.8
4 3 GUNUNG KIDUL	0.0	9.8	-9.8	0.0	16.5	-16.5	0.0	27.2	-27.2	0.0	44.4	-44.4	0.0	71.6	-71.6
4 4 KULON PROGG	0.0	5.8	-5.8	0.0	9.9	-9.9	0.0	16.3	-16.3	0.0	26.5	-26.5	0.0	42.8	-42.8
TOTAL	0.0	435.3	-435.3	360.0	733.2	-373.2	810.0	1225.7	-415.7	1260.0	2049.1	-789.1	1260.0	3390.7	-2130.7

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)
 * KABUPATEN (REGENCY) COVERS KOTAMADIA (MUNICIPALITY) OF THE SAME NAME
 KAB. SEMARANG COVERS KOTA. SALATIGA

KAB. BANTUL COVERS KOTA. YOGYAKARTA

App. Table IIIE-24

SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION BY KABUPATEN (1975-1995)

* EAST JAVA

* COMMODITY CEMENT

1000MT

KABUPATEN*	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
5 1 SURABAYA	450.0	75.1	374.9	900.0	135.2	764.8	900.0	259.9	640.1	1350.0	505.0	845.0	1800.0	983.7	816.3
5 2 SIDGARJO	0.0	11.1	-11.1	0.0	18.8	-18.8	0.0	32.1	-32.1	0.0	55.1	-55.1	0.0	93.0	-93.0
5 3 MOJOKERTO	0.0	11.2	-11.2	0.0	19.1	-19.1	0.0	33.0	-33.0	0.0	57.4	-57.4	0.0	99.0	-99.0
5 4 JOMBANG	0.0	13.2	-13.2	0.0	22.3	-22.3	0.0	38.0	-38.0	0.0	65.0	-65.0	0.0	109.6	-109.6
5 5 BOJONEGOLO	0.0	14.5	-14.5	0.0	24.5	-24.5	0.0	42.2	-42.2	0.0	72.9	-72.9	0.0	124.8	-124.8
5 6 TUBAN	0.0	12.4	-12.4	0.0	21.0	-21.0	0.0	35.9	-35.9	0.0	61.6	-61.6	0.0	104.5	-104.5
5 7 LAHONGAN	0.0	14.4	-14.4	0.0	24.2	-24.2	0.0	40.9	-40.9	0.0	69.2	-69.2	0.0	115.2	-115.2
5 8 MADIUN	0.0	14.5	-14.5	0.0	25.0	-25.0	0.0	44.5	-44.5	0.0	80.0	-80.0	0.0	143.5	-143.5
5 9 NGAWI	0.0	11.1	-11.1	0.0	18.8	-18.8	0.0	31.9	-31.9	0.0	54.3	-54.3	0.0	91.2	-91.2
5 10 MAGETAN	0.0	9.8	-9.8	0.0	16.7	-16.7	0.0	28.9	-28.9	0.0	50.4	-50.4	0.0	87.2	-87.2
5 11 PONOROGO	0.0	12.2	-12.2	0.0	20.7	-20.7	0.0	35.5	-35.5	0.0	61.3	-61.3	0.0	104.3	-104.3
5 12 PACIJAN	0.0	8.5	-8.5	0.0	14.4	-14.4	0.0	25.1	-25.1	0.0	43.8	-43.8	0.0	75.7	-75.7
5 13 KEDIRI	0.0	24.5	-24.5	0.0	42.2	-42.2	0.0	74.9	-74.9	0.0	133.9	-133.9	0.0	238.6	-238.6
5 14 NGANJUK	0.0	12.3	-12.3	0.0	20.7	-20.7	0.0	34.9	-34.9	0.0	59.3	-59.3	0.0	98.6	-98.6
5 15 BLITAR	0.0	16.9	-16.9	0.0	28.6	-28.6	0.0	49.0	-49.0	0.0	84.5	-84.5	0.0	143.7	-143.7
5 16 TULUNGAGUNG	0.0	12.7	-12.7	0.0	21.5	-21.5	0.0	36.8	-36.8	0.0	63.1	-63.1	0.0	106.9	-106.9
5 17 TRENGGALEK	0.0	9.0	-9.0	0.0	15.3	-15.3	0.0	26.3	-26.3	0.0	45.6	-45.6	0.0	78.4	-78.4
5 18 MALANG	0.0	43.9	-43.9	0.0	75.7	-75.7	0.0	135.1	-135.1	0.0	243.3	-243.3	0.0	437.1	-437.1
5 19 PASURUAN	0.0	16.1	-16.1	0.0	27.2	-27.2	0.0	46.9	-46.9	0.0	81.1	-81.1	0.0	138.6	-138.6
5 20 PROBOLINGGO	0.0	14.8	-14.8	0.0	25.1	-25.1	0.0	43.5	-43.5	0.0	75.8	-75.8	0.0	130.8	-130.8
5 21 LUMAJANG	0.0	13.8	-13.8	0.0	23.4	-23.4	0.0	40.7	-40.7	0.0	70.7	-70.7	0.0	121.7	-121.7
5 22 BONDOWOSO	0.0	9.3	-9.3	0.0	15.8	-15.8	0.0	27.2	-27.2	0.0	47.1	-47.1	0.0	80.8	-80.8
5 23 SITUBONDO	0.0	7.9	-7.9	0.0	13.4	-13.4	0.0	22.9	-22.9	0.0	39.4	-39.4	0.0	67.1	-67.1
5 24 JEMBER	0.0	28.1	-28.1	0.0	47.4	-47.4	0.0	81.0	-81.0	0.0	138.8	-138.8	0.0	235.0	-235.0
5 25 BANYUWANGI	0.0	21.5	-21.5	0.0	36.2	-36.2	0.0	61.7	-61.7	0.0	105.3	-105.3	0.0	177.4	-177.4
5 26 PAWOKASAN	0.0	8.2	-8.2	0.0	13.9	-13.9	0.0	24.2	-24.2	0.0	42.2	-42.2	0.0	73.3	-73.3
5 27 SAMPANG	0.0	9.4	-9.4	0.0	16.1	-16.1	0.0	28.0	-28.0	0.0	48.9	-48.9	0.0	84.8	-84.8
5 28 SUMENEP	0.0	12.3	-12.3	0.0	20.7	-20.7	0.0	34.9	-34.9	0.0	59.3	-59.3	0.0	98.6	-98.6
5 29 BANGKALAN	0.0	10.3	-10.3	0.0	17.4	-17.4	0.0	29.8	-29.8	0.0	51.0	-51.0	0.0	86.1	-86.1
TOTAL	450.0	478.9	-28.9	900.0	821.4	78.6	900.0	1445.9	-545.9	1350.0	2565.0	-1215.0	1800.0	4529.1	-2729.1

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)

* KABUPATEN (REGENCY) COVERS KOTAMADIA (MUNICIPALITY) OF THE SAME NAME

App. Table IIIE-25 SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION BY KABUPATEN (1975-1995)

* WEST JAVA INCL. D.K.I. JAKARTA
* COMMODITY TEXTILE
1000MT

KABUPATEN*	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
1 0 D.K.I. JAKARTA	0.0	8.7	-8.7	0.0	12.8	-12.8	0.0	16.3	-16.3	0.0	22.5	-22.5	0.0	28.8	-28.8
2 1 PANDEGLANG	0.0	0.8	-0.8	0.0	1.0	-1.0	0.0	1.2	-1.2	0.0	1.6	-1.6	0.0	2.0	-2.0
2 2 SERANG	0.0	1.1	-1.1	0.0	1.4	-1.4	0.0	1.8	-1.8	0.0	2.4	-2.4	0.0	3.0	-3.0
2 3 LEBAK	0.0	0.7	-0.7	0.0	0.9	-0.9	0.0	1.2	-1.2	0.0	1.5	-1.5	0.0	1.9	-1.9
2 4 BEKASI	0.0	1.1	-1.1	0.0	1.4	-1.4	0.0	1.7	-1.7	0.0	2.3	-2.3	0.0	2.9	-2.9
2 5 KRAWANG	0.0	1.3	-1.3	0.0	1.7	-1.7	0.0	2.1	-2.1	0.0	2.8	-2.8	0.0	3.5	-3.5
2 6 PUKWAKARTA	0.0	0.5	-0.5	0.0	0.6	-0.6	0.0	0.8	-0.8	0.0	1.1	-1.1	0.0	1.4	-1.4
2 7 TANGERANG	5.0	1.4	3.6	54.9	1.8	53.1	49.3	2.3	47.0	77.0	3.0	74.0	108.0	3.8	104.2
2 8 SUKABANG	0.0	1.2	-1.2	0.0	1.5	-1.5	0.0	1.9	-1.9	0.0	2.5	-2.5	0.0	3.1	-3.1
2 9 BOGOR	0.0	2.5	-2.5	0.0	3.2	-3.2	0.0	4.0	-4.0	0.0	5.3	-5.3	0.0	6.8	-6.8
2 10 SUKABUMI	0.0	1.7	-1.7	0.0	2.2	-2.2	0.0	2.8	-2.8	0.0	3.7	-3.7	0.0	4.6	-4.6
2 11 CIANJUR	0.0	1.5	-1.5	0.0	1.9	-1.9	0.0	2.5	-2.5	0.0	3.3	-3.3	0.0	4.2	-4.2
2 12 BANDUNG	0.0	4.6	-4.6	0.0	5.9	-5.9	0.0	7.8	-7.8	0.0	11.0	-11.0	0.0	14.8	-14.8
2 13 SUMEDANG	0.0	0.8	-0.8	0.0	1.1	-1.1	0.0	1.4	-1.4	0.0	1.8	-1.8	0.0	2.2	-2.2
2 14 GARUT	0.0	1.6	-1.6	0.0	2.0	-2.0	0.0	2.6	-2.6	0.0	3.4	-3.4	0.0	4.2	-4.2
2 15 TASIKMALAYA	0.0	1.8	-1.8	0.0	2.2	-2.2	0.0	2.8	-2.8	0.0	3.7	-3.7	0.0	4.7	-4.7
2 16 CIAMIS	0.0	1.6	-1.6	0.0	2.1	-2.1	0.0	2.6	-2.6	0.0	3.4	-3.4	0.0	4.3	-4.3
2 17 CIREBON	0.0	1.7	-1.7	0.0	2.1	-2.1	0.0	2.7	-2.7	0.0	3.6	-3.6	0.0	4.6	-4.6
2 18 KUNINGAN	0.0	0.9	-0.9	0.0	1.1	-1.1	0.0	1.4	-1.4	0.0	1.8	-1.8	0.0	2.3	-2.3
2 19 INDRAMAYU	0.0	1.3	-1.3	0.0	1.6	-1.6	0.0	2.0	-2.0	0.0	2.7	-2.7	0.0	3.3	-3.3
2 20 MAJALENGKA	0.0	1.0	-1.0	0.0	1.3	-1.3	0.0	1.6	-1.6	0.0	2.1	-2.1	0.0	2.6	-2.6
TOTAL	5.0	37.8	-32.8	54.9	49.9	5.0	49.3	63.6	-14.3	77.0	85.4	-8.4	108.0	109.2	-1.2

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)
* KABUPATEN (REGENCY) COVERS KOTAMADIA (MUNICIPALITY) OF THE SAME NAME

App. Table IIIE-26

SURPLUS AND DEFICIT IN CONSUMPTION OF BUREAU OF STATISTICS

* CENTRAL JAWA INCL. D.1. YOGYAKARTA
* COMMODITY TEXTILE

1000MT

KABUPATEN*	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
3 1 BANYUMAS	0.0	1.4	-1.4	0.0	1.8	-1.8	0.0	2.2	-2.2	0.0	2.7	-2.7	0.0	3.3	-3.3
3 2 PURBALINGGA	0.0	0.8	-0.8	0.0	1.0	-1.0	0.0	1.2	-1.2	0.0	1.5	-1.5	0.0	1.8	-1.8
3 3 CILACAP	0.0	1.6	-1.6	0.0	2.0	-2.0	0.0	2.5	-2.5	0.0	3.1	-3.1	0.0	3.8	-3.8
3 4 BANJARNEGARA	0.0	0.8	-0.8	0.0	1.0	-1.0	0.0	1.2	-1.2	0.0	1.5	-1.5	0.0	1.9	-1.9
3 5 MAGELANG	0.0	1.3	-1.3	0.0	1.6	-1.6	0.0	2.0	-2.0	0.0	2.5	-2.5	0.0	3.1	-3.1
3 6 TEMANGGUNG	0.0	0.6	-0.6	0.0	0.8	-0.8	0.0	1.0	-1.0	0.0	1.3	-1.3	0.0	1.5	-1.5
3 7 WONOSOBO	0.0	0.7	-0.7	0.0	0.9	-0.9	0.0	1.1	-1.1	0.0	1.3	-1.3	0.0	1.6	-1.6
3 8 PURWOREJO	0.0	0.9	-0.9	0.0	1.1	-1.1	0.0	1.4	-1.4	0.0	1.7	-1.7	0.0	2.1	-2.1
3 9 KEBUMEN	0.0	1.2	-1.2	0.0	1.6	-1.6	0.0	1.9	-1.9	0.0	2.4	-2.4	0.0	3.0	-3.0
3 10 PEKALONGAN	0.0	0.9	-0.9	0.0	1.1	-1.1	0.0	1.4	-1.4	0.0	1.8	-1.8	0.0	2.2	-2.2
3 11 PEMALANG	0.0	1.1	-1.1	0.0	1.4	-1.4	0.0	1.7	-1.7	0.0	2.1	-2.1	0.0	2.6	-2.6
3 12 LEGAL	0.0	1.3	-1.3	0.0	1.6	-1.6	0.0	2.0	-2.0	0.0	2.6	-2.6	0.0	3.2	-3.2
3 13 BREBES	0.0	1.4	-1.4	0.0	1.8	-1.8	0.0	2.1	-2.1	0.0	2.7	-2.7	0.0	3.3	-3.3
3 14 BATANG	0.0	0.6	-0.6	0.0	0.8	-0.8	0.0	1.0	-1.0	0.0	1.2	-1.2	0.0	1.5	-1.5
3 15 SEMARANG	0.0	2.1	-2.1	0.0	2.6	-2.6	0.0	3.3	-3.3	0.0	4.4	-4.4	0.0	5.8	-5.8
3 16 KENDAL	0.0	0.9	-0.9	0.0	1.1	-1.1	0.0	1.4	-1.4	0.0	1.7	-1.7	0.0	2.1	-2.1
3 17 DEMAK	0.0	0.8	-0.8	0.0	1.0	-1.0	0.0	1.2	-1.2	0.0	1.6	-1.6	0.0	1.9	-1.9
3 18 GPABGVAN	0.0	1.2	-1.2	0.0	1.5	-1.5	0.0	1.8	-1.8	0.0	2.3	-2.3	0.0	2.8	-2.8
3 19 PATI	0.0	1.1	-1.1	0.0	1.4	-1.4	0.0	1.7	-1.7	0.0	2.2	-2.2	0.0	2.6	-2.6
3 20 JEPARA	0.0	0.8	-0.8	0.0	1.0	-1.0	0.0	1.2	-1.2	0.0	1.5	-1.5	0.0	1.9	-1.9
3 21 REMBANG	0.0	0.5	-0.5	0.0	0.6	-0.6	0.0	0.7	-0.7	0.0	0.9	-0.9	0.0	1.1	-1.1
3 22 BLORA	0.0	0.8	-0.8	0.0	1.0	-1.0	0.0	1.3	-1.3	0.0	1.6	-1.6	0.0	2.0	-2.0
3 23 KUDUS	0.0	0.6	-0.6	0.0	0.8	-0.8	0.0	0.9	-0.9	0.0	1.2	-1.2	0.0	1.5	-1.5
3 24 KLATEN	0.0	1.3	-1.3	0.0	1.6	-1.6	0.0	2.0	-2.0	0.0	2.5	-2.5	0.0	3.0	-3.0
3 25 BOYOLALI	0.0	0.9	-0.9	0.0	1.2	-1.2	0.0	1.4	-1.4	0.0	1.8	-1.8	0.0	2.2	-2.2
3 26 SRAGEN	0.0	0.8	-0.8	0.0	1.1	-1.1	0.0	1.3	-1.3	0.0	1.7	-1.7	0.0	2.0	-2.0
3 27 SUKOHARJO	0.0	1.3	-1.3	0.0	1.7	-1.7	0.0	2.1	-2.1	0.0	2.8	-2.8	0.0	3.6	-3.6
3 28 KARANGANYAR	0.0	0.6	-0.6	0.0	0.8	-0.8	0.0	1.0	-1.0	0.0	1.3	-1.3	0.0	1.5	-1.5
3 29 WONOGIRI	0.0	1.2	-1.2	0.0	1.5	-1.5	0.0	1.8	-1.8	0.0	2.3	-2.3	0.0	2.8	-2.8
4 1 BANTUL	0.0	1.3	-1.3	0.0	1.6	-1.6	0.0	1.9	-1.9	0.0	2.5	-2.5	0.0	3.1	-3.1
4 2 SLEMAN	0.0	0.8	-0.8	0.0	1.0	-1.0	0.0	1.2	-1.2	0.0	1.5	-1.5	0.0	1.9	-1.9
4 3 GUNUNG KIDUL	0.0	0.8	-0.8	0.0	1.1	-1.1	0.0	1.3	-1.3	0.0	1.6	-1.6	0.0	2.0	-2.0
4 4 KULON PROGO	0.0	0.5	-0.5	0.0	0.6	-0.6	0.0	0.8	-0.8	0.0	1.0	-1.0	0.0	1.2	-1.2
TOTAL	0.0	32.7	-32.7	0.0	41.6	-41.6	0.0	51.0	-51.0	0.0	65.0	-65.0	0.0	79.6	-79.6

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)

* KABUPATEN (REGENCY) COVERS KOTAMADIA (MUNICIPALITY) OF THE SAME NAME

KAB. SEMARANG COVERS KOTA. SALATIGA

KAB. SUKOHARJO COVERS KOTA. SURAKARTA

KAB. BANTUL COVERS KOTA. YOGYAKARTA

SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION BY KABUPATEN (1975-1995)

App. Table IIIB-27

1000MT

* EAST JAVA
* COMMODITY

TEXTILE

KABUPATEN*	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
5 1 SUKABAYA	0.0	3.4	-3.4	0.0	4.4	-4.4	36.6	6.1	30.5	56.6	9.1	47.5	76.6	13.0	63.6
5 2 SIDOARJO	0.0	0.9	-0.9	0.0	1.1	-1.1	0.0	1.4	-1.4	0.0	1.8	-1.8	0.0	2.3	-2.3
5 3 MOJOKERTO	0.0	0.9	-0.9	0.0	1.1	-1.1	0.0	1.4	-1.4	0.0	1.8	-1.8	0.0	2.3	-2.3
5 4 JOMBANG	0.0	1.1	-1.1	0.0	1.4	-1.4	0.0	1.7	-1.7	0.0	2.2	-2.2	0.0	2.7	-2.7
5 5 BOJONEGRO	0.0	1.1	-1.1	0.0	1.4	-1.4	0.0	1.8	-1.8	0.0	2.4	-2.4	0.0	3.0	-3.0
5 6 TURAN	0.0	1.0	-1.0	0.0	1.3	-1.3	0.0	1.6	-1.6	0.0	2.0	-2.0	0.0	2.5	-2.5
5 7 LAMONGAN	0.0	1.2	-1.2	0.0	1.5	-1.5	0.0	1.9	-1.9	0.0	2.4	-2.4	0.0	3.0	-3.0
5 8 MADIUN	0.0	1.0	-1.0	0.0	1.3	-1.3	0.0	1.6	-1.6	0.0	2.2	-2.2	0.0	2.8	-2.8
5 9 NGAWI	0.0	0.9	-0.9	0.0	1.2	-1.2	0.0	1.4	-1.4	0.0	1.9	-1.9	0.0	2.3	-2.3
5 10 MAGETAN	0.0	0.7	-0.7	0.0	0.9	-0.9	0.0	1.2	-1.2	0.0	1.6	-1.6	0.0	2.0	-2.0
5 11 PONOROGO	0.0	1.0	-1.0	0.0	1.2	-1.2	0.0	1.5	-1.5	0.0	2.0	-2.0	0.0	2.5	-2.5
5 12 PACITAN	0.0	0.6	-0.6	0.0	0.8	-0.8	0.0	1.0	-1.0	0.0	1.4	-1.4	0.0	1.7	-1.7
5 13 KEDIRI	0.0	1.7	-1.7	0.0	2.2	-2.2	0.0	2.8	-2.8	0.0	3.7	-3.7	0.0	4.8	-4.8
5 14 NGANJUK	0.0	1.0	-1.0	0.0	1.3	-1.3	0.0	1.6	-1.6	0.0	2.1	-2.1	0.0	2.6	-2.6
5 15 BLITAR	0.0	1.3	-1.3	0.0	1.7	-1.7	0.0	2.1	-2.1	0.0	2.8	-2.8	0.0	3.5	-3.5
5 16 TULUNGAGUNG	0.0	1.0	-1.0	0.0	1.3	-1.3	0.0	1.6	-1.6	0.0	2.1	-2.1	0.0	2.6	-2.6
5 17 TRENGGALEK	0.0	0.7	-0.7	0.0	0.9	-0.9	0.0	1.1	-1.1	0.0	1.5	-1.5	0.0	1.8	-1.8
5 18 MALANG	0.0	3.0	-3.0	0.0	3.8	-3.8	0.0	4.9	-4.9	0.0	6.6	-6.6	0.0	8.5	-8.5
5 19 PASURUAN	0.0	1.3	-1.3	0.0	1.6	-1.6	0.0	2.0	-2.0	0.0	2.6	-2.6	0.0	3.3	-3.3
5 20 PROBOLINGGO	0.0	1.1	-1.1	0.0	1.4	-1.4	0.0	1.8	-1.8	0.0	2.4	-2.4	0.0	3.0	-3.0
5 21 LUMAJANG	0.0	1.1	-1.1	0.0	1.3	-1.3	0.0	1.7	-1.7	0.0	2.2	-2.2	0.0	2.8	-2.8
5 22 BONDOWOSO	0.0	0.7	-0.7	0.0	0.9	-0.9	0.0	1.2	-1.2	0.0	1.5	-1.5	0.0	1.9	-1.9
5 23 SITUBONDO	0.0	0.6	-0.6	0.0	0.8	-0.8	0.0	1.0	-1.0	0.0	1.3	-1.3	0.0	1.6	-1.6
5 24 JEMBER	0.0	2.2	-2.2	0.0	2.8	-2.8	0.0	3.6	-3.6	0.0	4.6	-4.6	0.0	5.8	-5.8
5 25 BANYUWANGI	0.0	1.7	-1.7	0.0	2.2	-2.2	0.0	2.8	-2.8	0.0	3.6	-3.6	0.0	4.4	-4.4
5 26 PAMEKASAN	0.0	0.6	-0.6	0.0	0.8	-0.8	0.0	1.0	-1.0	0.0	1.3	-1.3	0.0	1.6	-1.6
5 27 SAMPANG	0.0	0.7	-0.7	0.0	0.9	-0.9	0.0	1.1	-1.1	0.0	1.5	-1.5	0.0	1.9	-1.9
5 28 SUMENEP	0.0	1.0	-1.0	0.0	1.3	-1.3	0.0	1.6	-1.6	0.0	2.1	-2.1	0.0	2.6	-2.6
5 29 BANGKALAN	0.0	0.8	-0.8	0.0	1.1	-1.1	0.0	1.3	-1.3	0.0	1.7	-1.7	0.0	2.1	-2.1
TOTAL	0.0	34.5	-34.5	0.0	44.0	-44.0	36.6	55.8	-19.2	56.6	74.2	-17.6	76.6	94.9	-18.3

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)

* KABUPATEN (REGENCY) COVERS KOTAMADIA (MUNICIPALITY) OF THE SAME NAME

App. Table IIIE-28

SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION BY KABUPATEN (1975-1995)

* WEST JAVA INCL. D.K.I. JAKARTA

* COMMODITY PAPER

1000MT

KABUPATEN*	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
1 0 D.K.I. JAKARTA	15.6	15.7	-0.1	18.0	27.1	-9.1	29.3	41.3	-12.0	29.3	63.6	-34.3	29.3	99.6	-70.3
2 1 PANDEGLANG	0.0	1.2	-1.2	0.0	1.7	-1.7	0.0	2.6	-2.6	0.0	3.8	-3.8	0.0	5.7	-5.7
2 2 SERANG	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.9	-3.9	0.0	5.7	-5.7	0.0	8.6	-8.6
2 3 LEBAK	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.5	-2.5	0.0	3.6	-3.6	0.0	5.5	-5.5
2 4 BEKASI	0.0	1.7	-1.7	0.0	2.4	-2.4	0.0	3.7	-3.7	0.0	5.4	-5.4	0.0	8.0	-8.0
2 5 KRAMAT	0.0	2.0	-2.0	52.5	3.0	49.5	52.5	4.5	48.0	52.5	6.6	45.9	52.5	9.9	42.6
2 6 PURWAKARTA	0.0	0.8	-0.8	0.0	1.1	-1.1	0.0	1.8	-1.8	0.0	2.6	-2.6	0.0	4.1	-4.1
2 7 TANGERANG	0.0	2.1	-2.1	0.0	3.1	-3.1	0.0	4.8	-4.8	0.0	7.1	-7.1	0.0	10.6	-10.6
2 8 SUBANG	0.0	1.8	-1.8	0.0	2.6	-2.6	0.0	4.0	-4.0	0.0	5.8	-5.8	0.0	8.7	-8.7
2 9 BOGOR	0.0	3.8	-3.8	0.0	5.6	-5.6	0.0	8.6	-8.6	0.0	12.8	-12.8	0.0	19.5	-19.5
2 10 SUKABUMI	0.0	2.7	-2.7	0.0	3.9	-3.9	0.0	5.9	-5.9	0.0	8.7	-8.7	0.0	13.1	-13.1
2 11 CIANJUR	0.0	2.4	-2.4	0.0	3.4	-3.4	0.0	5.3	-5.3	0.0	8.0	-8.0	0.0	12.2	-12.2
2 12 BANDUNG	0.0	7.5	-7.5	0.0	11.2	-11.2	0.0	17.9	-17.9	0.0	28.5	-28.5	0.0	46.7	-46.7
2 13 SUMEDANG	0.0	1.3	-1.3	0.0	1.9	-1.9	0.0	2.9	-2.9	0.0	4.2	-4.2	0.0	6.3	-6.3
2 14 GARUT	0.0	2.4	-2.4	0.0	3.5	-3.5	0.0	5.4	-5.4	0.0	8.0	-8.0	0.0	12.0	-12.0
2 15 TASIKMALAYA	0.0	2.7	-2.7	0.0	3.9	-3.9	0.0	6.0	-6.0	0.0	8.8	-8.8	0.0	13.2	-13.2
2 16 CIAMIS	0.0	2.5	-2.5	0.0	3.6	-3.6	0.0	5.5	-5.5	0.0	8.1	-8.1	0.0	12.2	-12.2
2 17 CIKERON	0.0	2.6	-2.6	0.0	3.8	-3.8	0.0	5.8	-5.8	0.0	8.7	-8.7	0.0	13.5	-13.5
2 18 KUNINGAN	0.0	1.3	-1.3	0.0	1.9	-1.9	0.0	2.9	-2.9	0.0	4.3	-4.3	0.0	6.4	-6.4
2 19 INDRAMAYU	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	4.3	-4.3	0.0	6.2	-6.2	0.0	9.2	-9.2
2 20 MAJALENGKA	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.4	-3.4	0.0	4.9	-4.9	0.0	7.2	-7.2
TOTAL	15.6	60.7	-45.1	70.5	93.0	-22.5	81.8	142.6	-60.8	81.8	215.5	-133.7	81.8	332.0	-250.2

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)

* KABUPATEN (REGENCY) COVERS KABUPATEN (MUNICIPALITY) OF THE SAME NAME

SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION BY KABUPATEN (1975-1995)

* CENTRAL JAWA INCL. D.I. YOGYAKARTA
 * COMMODITY PAPER 1000MT

KABUPATEN*	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
3 1 BANYUMAS	0.0	2.1	-2.1	0.0	3.0	-3.0	0.0	4.5	-4.5	0.0	6.3	-6.3	0.0	9.0	-9.0
3 2 PURBALINGGA	0.0	1.2	-1.2	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.6	-3.6	0.0	5.1	-5.1
3 3 CILACAP	0.0	2.4	-2.4	63.5	3.5	60.0	63.5	5.2	58.3	63.5	7.3	56.2	63.5	10.5	53.0
3 4 BANJARNEGARA	4.9	1.2	3.7	5.6	1.7	3.9	16.9	2.6	14.3	16.9	3.6	13.3	16.9	5.2	11.7
3 5 MAGELANG	0.0	2.0	-2.0	0.0	2.9	-2.9	0.0	4.2	-4.2	0.0	6.1	-6.1	0.0	8.9	-8.9
3 6 TEMAYONGGUNG	0.0	1.0	-1.0	0.0	1.4	-1.4	0.0	2.1	-2.1	0.0	3.0	-3.0	0.0	4.4	-4.4
3 7 WONOSORO	0.0	1.0	-1.0	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.1	-3.1	0.0	4.5	-4.5
3 8 PURWOREJO	0.0	1.3	-1.3	0.0	2.0	-2.0	0.0	2.9	-2.9	0.0	4.1	-4.1	0.0	5.9	-5.9
3 9 KEBUMEN	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	4.0	-4.0	0.0	5.7	-5.7	0.0	8.3	-8.3
3 10 PEKALONGAN	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.5	-6.5
3 11 PEMALANG	0.0	1.6	-1.6	0.0	2.4	-2.4	0.0	3.5	-3.5	0.0	5.0	-5.0	0.0	7.2	-7.2
3 12 LEGAL	0.0	2.0	-2.0	0.0	2.9	-2.9	0.0	4.3	-4.3	0.0	6.2	-6.2	0.0	9.0	-9.0
3 13 BREBES	0.0	2.1	-2.1	0.0	3.0	-3.0	0.0	4.5	-4.5	0.0	6.3	-6.3	0.0	9.1	-9.1
3 14 BATANG	0.0	0.9	-0.9	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	2.9	-2.9	0.0	4.2	-4.2
3 15 SEMARANG	0.0	3.5	-3.5	0.0	5.0	-5.0	0.0	7.7	-7.7	0.0	11.8	-11.8	0.0	18.6	-18.6
3 16 KENDAL	0.0	1.3	-1.3	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	4.0	-4.0	0.0	5.7	-5.7
3 17 DEMAK	0.0	1.2	-1.2	0.0	1.8	-1.8	0.0	2.6	-2.6	0.0	3.7	-3.7	0.0	5.3	-5.3
3 18 GRASVGAN	0.0	1.8	-1.8	0.0	2.6	-2.6	0.0	3.8	-3.8	0.0	5.3	-5.3	0.0	7.6	-7.6
3 19 PATI	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.6	-3.6	0.0	5.1	-5.1	0.0	7.3	-7.3
3 20 JEPARA	0.0	1.2	-1.2	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.6	-3.6	0.0	5.2	-5.2
3 21 REMBANG	0.0	0.7	-0.7	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.2	-2.2	0.0	3.2	-3.2
3 22 BLORA	0.0	1.3	-1.3	0.0	1.8	-1.8	0.0	2.7	-2.7	0.0	3.8	-3.8	0.0	5.5	-5.5
3 23 KUDUS	0.0	0.9	-0.9	0.0	1.3	-1.3	0.0	2.0	-2.0	0.0	2.8	-2.8	0.0	4.1	-4.1
3 24 KLATEN	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	4.1	-4.1	0.0	5.8	-5.8	0.0	8.4	-8.4
3 25 BOYOLALI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.2	-4.2	0.0	6.1	-6.1
3 26 SRAGEN	0.0	1.3	-1.3	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	3.9	-3.9	0.0	5.6	-5.6
3 27 SUKOHARJO	0.0	2.2	-2.2	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.3	-7.3	0.0	11.4	-11.4
3 28 KARANGANYAR	0.0	1.0	-1.0	0.0	1.4	-1.4	0.0	2.1	-2.1	0.0	2.9	-2.9	0.0	4.2	-4.2
3 29 WONOGIRI	0.0	1.8	-1.8	0.0	2.6	-2.6	0.0	3.8	-3.8	0.0	5.4	-5.4	0.0	7.7	-7.7
4 1 BANTUL	0.0	2.1	-2.1	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.4	-6.4	0.0	9.3	-9.3
4 2 SLEMAN	0.0	1.2	-1.2	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.5	-3.5	0.0	5.1	-5.1
4 3 GUNUNG KIDUL	0.0	1.2	-1.2	0.0	1.8	-1.8	0.0	2.7	-2.7	0.0	3.8	-3.8	0.0	5.4	-5.4
4 4 KULON PROGJ	0.0	0.7	-0.7	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.2	-3.2
TOTAL	4.9	50.3	-45.4	69.1	73.5	-4.4	80.4	108.5	-28.1	80.4	155.4	-75.0	80.4	226.7	-146.3

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)
 * KABUPATEN (REGENCY) COVERS KOTAMADI (MUNICIPALITY) OF THE SAME NAME
 * KABUPATEN (REGENCY) COVERS KOTA-SALATIGA KABUPATEN (REGENCY) COVERS KOTA-SURABAYA KABUPATEN (REGENCY) COVERS KOTA-YOGYAKARTA

App. Table IIIE-30

SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION BY KABUPATEN 1975-1995*

1000MT

* EAST JAVA
* COMMODITY PAPER

	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
5 1 SURABAYA	0.0	5.8	-5.8	0.0	9.0	-9.0	0.0	14.9	-14.9	0.0	25.0	-25.0	0.0	43.6	-43.6
5 2 SIDHARJO	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.3	-4.3	0.0	6.4	-6.4
5 3 MOJOKERTO	0.0	1.3	-1.3	0.0	1.9	-1.9	0.0	2.9	-2.9	0.0	4.3	-4.3	0.0	6.5	-6.5
5 4 JOYOBANG	0.0	1.6	-1.6	0.0	2.4	-2.4	0.0	3.6	-3.6	0.0	5.2	-5.2	0.0	7.7	-7.7
5 5 BOJONEGARA	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.8	-3.8	0.0	5.6	-5.6	0.0	8.4	-8.4
5 6 TUBAN	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.8	-4.8	0.0	7.2	-7.2
5 7 LAHONGAN	0.0	1.8	-1.8	0.0	2.6	-2.6	0.0	3.9	-3.9	0.0	5.7	-5.7	0.0	8.3	-8.3
5 8 MADIUN	0.0	1.6	-1.6	0.0	2.3	-2.3	0.0	3.5	-3.5	0.0	5.4	-5.4	0.0	8.4	-8.4
5 9 NGAWI	0.0	1.4	-1.4	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.4	-4.4	0.0	6.5	-6.5
5 10 MAGELAN	0.0	1.1	-1.1	0.0	1.7	-1.7	0.0	2.5	-2.5	0.0	3.8	-3.8	0.0	5.7	-5.7
5 11 PURWOREJO	0.0	1.5	-1.5	0.0	2.1	-2.1	0.0	3.2	-3.2	0.0	4.8	-4.8	0.0	7.1	-7.1
5 12 PACILIAN	0.0	1.0	-1.0	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9
5 13 KEDIRI	0.0	2.7	-2.7	0.0	3.9	-3.9	0.0	6.1	-6.1	0.0	9.2	-9.2	0.0	14.2	-14.2
5 14 NGANJUK	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	0.0	7.1	-7.1
5 15 BLITAR	0.0	2.0	-2.0	0.0	3.0	-3.0	0.0	4.5	-4.5	0.0	6.6	-6.6	0.0	9.8	-9.8
5 16 TULUNGAGUNG	0.0	1.5	-1.5	0.0	2.3	-2.3	0.0	3.4	-3.4	0.0	5.0	-5.0	0.0	7.4	-7.4
5 17 TRENGGALEK	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.4	-2.4	0.0	3.5	-3.5	0.0	5.2	-5.2
5 18 MALANG	0.0	4.7	-4.7	0.0	6.9	-6.9	0.0	10.7	-10.7	0.0	16.3	-16.3	0.0	25.4	-25.4
5 19 PASURUAN	0.0	1.9	-1.9	0.0	2.8	-2.8	0.0	4.2	-4.2	0.0	6.2	-6.2	0.0	9.3	-9.3
5 20 PROBOLINGGO	5.8	1.7	4.1	18.0	2.5	15.5	29.3	3.8	25.5	29.3	5.7	23.6	29.3	8.6	20.7
5 21 LUMAJANG	0.0	1.6	-1.6	0.0	2.4	-2.4	0.0	3.6	-3.6	0.0	5.3	-5.3	0.0	8.0	-8.0
5 22 BONDOWOSO	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.5	-2.5	0.0	3.6	-3.6	0.0	5.4	-5.4
5 23 SITUBONDO	0.0	1.0	-1.0	0.0	1.4	-1.4	0.0	2.1	-2.1	0.0	3.1	-3.1	0.0	4.6	-4.6
5 24 JEMBER	0.0	3.4	-3.4	0.0	5.0	-5.0	0.0	7.5	-7.5	0.0	11.0	-11.0	0.0	16.3	-16.3
5 25 BANYUWANGI	5.8	2.6	3.2	6.8	3.8	3.0	18.0	5.8	12.2	18.0	8.4	9.6	18.0	12.4	5.6
5 26 PALEMBANG	0.0	1.0	-1.0	0.0	1.4	-1.4	0.0	2.1	-2.1	0.0	3.1	-3.1	0.0	4.7	-4.7
5 27 SAMPANG	0.0	1.1	-1.1	0.0	1.6	-1.6	0.0	2.4	-2.4	0.0	3.6	-3.6	0.0	5.5	-5.5
5 28 SUMBER	0.0	1.5	-1.5	0.0	2.2	-2.2	0.0	3.3	-3.3	0.0	4.9	-4.9	0.0	7.1	-7.1
5 29 BANGKALAN	0.0	1.3	-1.3	0.0	1.8	-1.8	0.0	2.8	-2.8	0.0	4.0	-4.0	0.0	6.0	-6.0
TOTAL	11.6	53.6	-42.0	24.8	78.6	-53.8	47.3	120.5	-73.2	47.3	180.9	-133.6	47.3	277.6	-230.3

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)

* KABUPATEN (REGENCY) COVERS KOTAMADIA (MUNICIPALITY) OF THE SAME NAME

App. Table IIIE-31 SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION BY KABUPATEN (1975-1995)

* WEST JAWA INCL. D.K.I. JAKARTA
 * COMMODITY PETROLEUM PRODUCTS

KABUPATEN*	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
1 0 D.K.I. JAKARTA	0.0	685.0	-685.0	0.0	1111.6	-1111.6	0.0	1619.9	-1619.9	0.0	2362.8	-2362.8	0.0	3422.7	-3422.7
2 1 PAVDEGLANG	0.0	43.0	-43.0	0.0	58.9	-58.9	0.0	83.9	-83.9	0.0	119.4	-119.4	0.0	168.9	-168.8
2 2 SERANG	0.0	64.7	-64.7	0.0	88.6	-88.6	0.0	126.3	-126.3	0.0	179.6	-179.6	0.0	254.1	-254.1
2 3 LEBAY	0.0	41.3	-41.3	0.0	56.5	-56.5	0.0	80.5	-80.5	0.0	114.4	-114.4	0.0	161.7	-161.7
2 4 BEKASI	0.0	61.2	-61.2	0.0	83.7	-83.7	0.0	118.9	-118.9	0.0	168.1	-168.1	0.0	236.1	-236.1
2 5 KRAWANG	0.0	75.5	-75.5	0.0	103.3	-103.3	0.0	146.8	-146.8	0.0	208.0	-208.0	0.0	293.1	-293.1
2 6 PURWAKARTA	0.0	29.6	-29.6	0.0	40.7	-40.7	0.0	58.8	-58.8	0.0	85.3	-85.3	0.0	123.4	-123.4
2 7 TANGERANG	0.0	79.9	-79.9	0.0	109.5	-109.5	0.0	155.9	-155.9	0.0	221.6	-221.6	0.0	313.7	-313.7
2 8 SUBANG	0.0	66.2	-66.2	0.0	90.5	-90.5	0.0	128.2	-128.2	0.0	181.1	-181.1	0.0	253.8	-253.8
2 9 BOGOR	0.0	144.2	-144.2	0.0	197.8	-197.8	0.0	284.5	-284.5	0.0	408.8	-408.8	0.0	585.1	-585.1
2 10 SUKABUMI	0.0	98.9	-98.9	0.0	135.5	-135.5	0.0	193.1	-193.1	0.0	274.9	-274.9	0.0	389.2	-389.2
2 11 CIANJUR	0.0	89.0	-89.0	0.0	122.3	-122.3	0.0	176.8	-176.8	0.0	255.7	-255.7	0.0	369.1	-369.1
2 12 BANDUNG	0.0	303.3	-303.3	1350.0	421.2	-928.9	1350.0	641.0	709.0	1350.0	981.6	-368.4	1350.0	1507.3	-157.3
2 13 SUMEDANG	0.0	47.7	-47.7	0.0	65.2	-65.2	0.0	92.5	-92.5	0.0	130.9	-130.9	0.0	183.9	-183.9
2 14 GARUT	0.0	90.4	-90.4	0.0	123.8	-123.8	0.0	176.2	-176.2	0.0	250.5	-250.5	0.0	354.0	-354.0
2 15 TASIKMALAYA	0.0	99.4	-99.4	0.0	136.3	-136.3	0.0	194.1	-194.1	0.0	275.9	-275.9	0.0	389.7	-389.7
2 16 CIAMIS	0.0	92.1	-92.1	0.0	126.1	-126.1	0.0	179.6	-179.6	0.0	255.4	-255.4	0.0	361.1	-361.1
2 17 CIREBON	0.0	97.4	-97.4	0.0	133.9	-133.9	0.0	194.2	-194.2	0.0	282.4	-282.4	0.0	409.4	-409.4
2 18 KUNINGAN	0.0	48.7	-48.7	0.0	66.5	-66.5	0.0	94.2	-94.2	0.0	133.1	-133.1	0.0	186.6	-186.6
2 19 INDRAMAYU	0.0	71.2	-71.2	0.0	97.2	-97.2	0.0	137.0	-137.0	0.0	192.3	-192.3	0.0	267.4	-267.4
2 20 MAJALENGKA	0.0	56.0	-56.0	0.0	76.4	-76.4	0.0	107.4	-107.4	0.0	150.2	-150.2	0.0	207.8	-207.8
TOTAL	0.0	2384.4	-2384.4	1350.0	3445.5	-2095.5	1350.0	4989.8	-3639.8	1350.0	7232.1	-5882.1	1350.0	10437.9	-9087.9

REMARKS
 (1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)
 * KABUPATEN (REGENCY) COVERS KOTAMADIA (MUNICIPALITY) OF THE SAME NAME

SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION BY KABUPATEN (1975-1995)

* CENTRAL JAWA INCL. D.I. YOGYAKARTA
* COMMODITY PETROLEUM PRODUCTS

1000MT

	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
KABUPATEN*															
3 1 BANYUWAS	0.0	76.1	-76.1	0.0	104.2	-104.2	0.0	142.1	-142.1	0.0	192.4	-192.4	0.0	258.2	-258.2
3 2 PURBALINGGA	0.0	43.1	-43.1	0.0	59.1	-59.1	0.0	81.0	-81.0	0.0	110.1	-110.1	0.0	148.3	-148.3
3 3 CILACAP	0.0	88.7	-88.7	2250.0	121.4	2128.6	2250.0	166.6	2083.4	2250.0	227.1	2022.9	2250.0	307.5	1942.5
3 4 BANJARNEGARA	0.0	44.0	-44.0	0.0	69.4	-69.4	0.0	82.6	-82.6	0.0	112.7	-112.7	0.0	152.4	-152.4
3 5 MAGELANG	0.0	73.9	-73.9	0.0	101.1	-101.1	0.0	140.2	-140.2	0.0	193.4	-193.4	0.0	266.3	-266.3
3 6 TEMANGGUNG	0.0	36.4	-36.4	0.0	49.7	-49.7	0.0	68.8	-68.8	0.0	94.4	-94.4	0.0	129.1	-129.1
3 7 WONOSOBO	0.0	38.1	-38.1	0.0	52.2	-52.2	0.0	71.7	-71.7	0.0	97.8	-97.8	0.0	132.4	-132.4
3 8 PURWOREJO	0.0	49.3	-49.3	0.0	67.7	-67.7	0.0	92.9	-92.9	0.0	126.9	-126.9	0.0	172.0	-172.0
3 9 KERUMEN	0.0	69.5	-69.5	0.0	95.2	-95.2	0.0	130.5	-130.5	0.0	177.8	-177.8	0.0	240.5	-240.5
3 10 PEKALONGAN	0.0	53.0	-53.0	0.0	72.4	-72.4	0.0	101.1	-101.1	0.0	140.9	-140.9	0.0	196.0	-196.0
3 11 PEMALANG	0.0	60.2	-60.2	0.0	82.2	-82.2	0.0	113.3	-113.3	0.0	155.3	-155.3	0.0	211.5	-211.5
3 12 TEGAL	0.0	74.7	-74.7	0.0	102.3	-102.3	0.0	141.5	-141.5	0.0	195.2	-195.2	0.0	268.1	-268.1
3 13 BREBES	0.0	76.8	-76.8	0.0	105.3	-105.3	0.0	144.3	-144.3	0.0	196.3	-196.3	0.0	265.1	-265.1
3 14 BATANG	0.0	35.2	-35.2	0.0	48.1	-48.1	0.0	66.3	-66.3	0.0	90.8	-90.8	0.0	123.9	-123.9
3 15 SEMARANG	0.0	144.0	-144.0	0.0	195.4	-195.4	0.0	283.7	-283.7	0.0	414.9	-414.9	0.0	611.7	-611.7
3 16 KENDAL	0.0	48.2	-48.2	0.0	65.9	-65.9	0.0	90.0	-90.0	0.0	122.2	-122.2	0.0	164.3	-164.3
3 17 DEMAK	0.0	44.3	-44.3	0.0	60.7	-60.7	0.0	83.2	-83.2	0.0	113.7	-113.7	0.0	153.9	-153.9
3 18 GRABYAN	0.0	64.3	-64.3	0.0	88.1	-88.1	0.0	120.6	-120.6	0.0	163.5	-163.5	0.0	219.9	-219.9
3 19 PATI	0.0	61.9	-61.9	0.0	84.9	-84.9	0.0	116.3	-116.3	0.0	158.5	-158.5	0.0	214.1	-214.1
3 20 JEPARA	0.0	43.8	-43.8	0.0	60.0	-60.0	0.0	82.5	-82.5	0.0	112.9	-112.9	0.0	153.3	-153.3
3 21 REMBANG	0.0	27.0	-27.0	0.0	37.0	-37.0	0.0	50.9	-50.9	0.0	69.6	-69.6	0.0	94.9	-94.9
3 22 BLORA	0.0	46.3	-46.3	0.0	63.5	-63.5	0.0	87.1	-87.1	0.0	118.9	-118.9	0.0	161.3	-161.3
3 23 KUDUS	0.0	34.3	-34.3	0.0	47.0	-47.0	0.0	64.8	-64.8	0.0	89.0	-89.0	0.0	122.0	-122.0
3 24 KLATEN	0.0	70.8	-70.8	0.0	97.0	-97.0	0.0	132.6	-132.6	0.0	180.4	-180.4	0.0	243.0	-243.0
3 25 BOYOLALI	0.0	51.2	-51.2	0.0	70.2	-70.2	0.0	95.8	-95.8	0.0	130.2	-130.2	0.0	175.3	-175.3
3 26 SRAGEN	0.0	47.4	-47.4	0.0	64.9	-64.9	0.0	89.2	-89.2	0.0	121.5	-121.5	0.0	164.6	-164.6
3 27 SUKOHARJO	0.0	89.4	-89.4	0.0	121.5	-121.5	0.0	175.2	-175.2	0.0	254.1	-254.1	0.0	370.9	-370.9
3 28 KARANGANYAR	0.0	35.4	-35.4	0.0	48.5	-48.5	0.0	66.3	-66.3	0.0	89.5	-89.5	0.0	120.0	-120.0
3 29 WONOGIRI	0.0	64.9	-64.9	0.0	89.0	-89.0	0.0	121.7	-121.7	0.0	165.5	-165.5	0.0	222.7	-222.7
4 1 BANTUL	0.0	84.8	-84.8	900.0	114.3	785.7	900.0	156.0	744.0	900.0	217.1	682.9	900.0	294.8	605.2
4 2 SLEMAN	0.0	42.2	-42.2	0.0	58.2	-58.2	0.0	79.6	-79.6	0.0	107.6	-107.6	0.0	145.6	-145.6
4 3 GUNUNG KIDUL	0.0	45.5	-45.5	0.0	62.6	-62.6	0.0	85.6	-85.6	0.0	116.0	-116.0	0.0	156.8	-156.8
4 4 KULON PRGG	0.0	27.2	-27.2	0.0	37.4	-37.4	0.0	51.2	-51.2	0.0	69.3	-69.3	0.0	93.7	-93.7
TOTAL	0.0	1891.9	-1891.9	3150.0	2587.7	562.3	3150.0	3575.1	-425.1	3150.0	4925.4	-1775.4	3150.0	6754.0	-3604.0

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)

* KABUPATEN (AGENCY) COVERS KOTAMADIALMUNICIPALITY OF THE SAME NAME

KAB. SEMARANG COVERS KOTA. SALATIGA

KAB. SUKOHARJO COVERS KOTA. SURAKARTA

KAB. BANTUL COVERS KOTA. YOGYAKARTA

App. Table IIIE-33 SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION BY KABUPATEN (1975-1995)

* EAST JAVA
* COMMODITY

PETROLEUM PRODUCTS

KABUPATEN*	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
5 1 SURABAYA	180.0	246.0	-66.0	180.0	356.6	-176.6	180.0	565.8	-385.8	180.0	907.6	-727.6	180.0	1468.7	-1288.7
5 2 SIDARJAJ	0.0	50.3	-50.3	0.0	68.8	-68.8	0.0	96.7	-96.7	0.0	136.3	-136.3	0.0	190.1	-190.1
5 3 MOJOKERTO	0.0	49.5	-49.5	0.0	68.0	-68.0	0.0	96.6	-96.6	0.0	137.6	-137.6	0.0	194.9	-194.9
5 4 JOMBANG	0.0	60.1	-60.1	0.0	82.1	-82.1	0.0	115.3	-115.3	0.0	162.1	-162.1	0.0	225.7	-225.7
5 5 BOJONEGLO	180.0	64.6	115.4	180.0	88.3	91.7	180.0	125.0	55.0	180.0	177.1	2.9	180.0	249.6	-69.6
5 6 TUBAN	0.0	55.9	-55.9	0.0	76.4	-76.4	0.0	107.7	-107.7	0.0	151.9	-151.9	0.0	212.5	-212.5
5 7 LAMONGAN	0.0	66.5	-66.5	0.0	90.6	-90.6	0.0	126.5	-126.5	0.0	176.4	-176.4	0.0	243.4	-243.4
5 8 MADIUN	0.0	59.6	-59.6	0.0	82.7	-82.7	0.0	120.3	-120.3	0.0	176.5	-176.5	0.0	259.1	-259.1
5 9 NGAWI	0.0	51.0	-51.0	0.0	69.5	-69.5	0.0	97.4	-97.4	0.0	136.5	-136.5	0.0	189.5	-189.5
5 10 MAGETAN	0.0	42.9	-42.9	0.0	58.9	-58.9	0.0	83.9	-83.9	0.0	119.7	-119.7	0.0	170.2	-170.2
5 11 PONOROGO	0.0	54.8	-54.8	0.0	75.0	-75.0	0.0	106.0	-106.0	0.0	149.9	-149.9	0.0	210.3	-210.3
5 12 PACITAN	0.0	37.2	-37.2	0.0	51.1	-51.1	0.0	72.8	-72.8	0.0	104.0	-104.0	0.0	147.9	-147.9
5 13 KEDIRI	0.0	102.2	-102.2	0.0	141.5	-141.5	0.0	205.3	-205.3	0.0	299.5	-299.5	0.0	436.9	-436.9
5 14 NGANJUK	0.0	56.7	-56.7	0.0	77.2	-77.2	0.0	107.9	-107.9	0.0	150.8	-150.8	0.0	207.9	-207.9
5 15 BLITAR	0.0	75.9	-75.9	0.0	103.8	-103.8	0.0	146.5	-146.5	0.0	207.0	-207.0	0.0	290.4	-290.4
5 16 TULUNGAGUNG	0.0	57.5	-57.5	0.0	78.5	-78.5	0.0	110.6	-110.6	0.0	155.9	-155.9	0.0	218.0	-218.0
5 17 TRENGGALEK	0.0	39.9	-39.9	0.0	54.7	-54.7	0.0	77.5	-77.5	0.0	110.1	-110.1	0.0	155.6	-155.6
5 18 MALANG	0.0	180.2	-180.2	0.0	250.0	-250.0	0.0	364.5	-364.5	0.0	535.1	-535.1	0.0	787.0	-787.0
5 19 PASURUAN	0.0	71.7	-71.7	0.0	98.1	-98.1	0.0	138.9	-138.9	0.0	196.9	-196.9	0.0	277.1	-277.1
5 20 PROBOLINGGO	0.0	65.0	-65.0	0.0	89.1	-89.1	0.0	126.6	-126.6	0.0	180.6	-180.6	0.0	256.3	-256.3
5 21 LUMAJANG	0.0	60.9	-60.9	0.0	83.3	-83.3	0.0	118.7	-118.7	0.0	169.0	-169.0	0.0	239.3	-239.3
5 22 BONDOWOSO	0.0	41.5	-41.5	0.0	56.9	-56.9	0.0	80.5	-80.5	0.0	114.1	-114.1	0.0	160.9	-160.9
5 23 SITUBONDO	0.0	35.3	-35.3	0.0	48.4	-48.4	0.0	68.3	-68.3	0.0	96.5	-96.5	0.0	135.5	-135.5
5 24 JEMBER	0.0	127.1	-127.1	0.0	173.2	-173.2	0.0	244.1	-244.1	0.0	343.5	-343.5	0.0	480.0	-480.0
5 25 BANYUWANGI	0.0	97.8	-97.8	0.0	133.2	-133.2	0.0	187.4	-187.4	0.0	262.9	-262.9	0.0	366.0	-366.0
5 26 PAMEKASAN	0.0	35.7	-35.7	0.0	49.0	-49.0	0.0	70.0	-70.0	0.0	99.8	-99.8	0.0	142.4	-142.4
5 27 SAMPANG	0.0	41.3	-41.3	0.0	56.8	-56.8	0.0	80.9	-80.9	0.0	115.7	-115.7	0.0	164.9	-164.9
5 28 SUMENEP	0.0	56.7	-56.7	0.0	77.2	-77.2	0.0	107.9	-107.9	0.0	150.8	-150.8	0.0	207.9	-207.9
5 29 BANGKALAN	0.0	46.7	-46.7	0.0	63.8	-63.8	0.0	89.8	-89.8	0.0	126.5	-126.5	0.0	176.4	-176.4
TOTAL	360.0	2030.8	-1670.8	360.0	2802.6	-2442.6	360.0	4039.5	-3679.5	360.0	5850.3	-5490.3	360.0	8464.2	-8104.2

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)

* KABUPATEN (REGENCY) COVERS KOTAMADIA (MUNICIPALITY) OF THE SAME NAME

App. Table IIIE-34

SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION BY KABUPATEN (1975-1995)

* WEST JAVA INCL. D.K.I. JAKARTA
* COMMODITY FERTILIZER

1000MT

KABUPATEN*	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
1 0 D.K.I. JAKARTA	0.0	1.8	-1.8	0.0	2.7	-2.7	0.0	3.8	-3.8	0.0	4.9	-4.9	0.0	5.9	-5.9
2 1 PANDEGLANG	0.0	10.7	-10.7	0.0	16.5	-16.5	0.0	22.6	-22.6	0.0	28.7	-28.7	0.0	34.8	-34.8
2 2 SEKANG	0.0	11.5	-11.5	0.0	17.6	-17.6	0.0	24.2	-24.2	0.0	30.7	-30.7	0.0	37.3	-37.3
2 3 LEBAS	0.0	6.5	-6.5	0.0	10.0	-10.0	0.0	13.7	-13.7	0.0	17.4	-17.4	0.0	21.1	-21.1
2 4 BEKASI	0.0	12.7	-12.7	0.0	19.8	-19.8	0.0	27.4	-27.4	0.0	35.0	-35.0	0.0	42.6	-42.6
2 5 KRAJANG	0.0	23.4	-23.4	0.0	36.6	-36.6	0.0	50.6	-50.6	0.0	64.5	-64.5	0.0	78.4	-78.4
2 6 PURWAKARTA	0.0	3.8	-3.8	0.0	5.9	-5.9	0.0	8.2	-8.2	0.0	10.4	-10.4	0.0	12.7	-12.7
2 7 TANGERANG	0.0	9.5	-9.5	456.0	14.9	441.1	456.0	20.5	435.5	456.0	26.2	429.8	456.0	31.9	424.1
2 8 SUBANG	0.0	17.8	-17.8	0.0	27.8	-27.8	0.0	38.4	-38.4	0.0	49.0	-49.0	0.0	59.6	-59.6
2 9 BOGOR	0.0	17.0	-17.0	0.0	24.7	-24.7	0.0	33.0	-33.0	0.0	41.1	-41.1	0.0	49.3	-49.3
2 10 SUKABUMI	0.0	15.0	-15.0	0.0	21.9	-21.9	0.0	29.1	-29.1	0.0	36.4	-36.4	0.0	43.6	-43.6
2 11 CIANJUR	0.0	18.6	-18.6	0.0	27.2	-27.2	0.0	36.2	-36.2	0.0	45.1	-45.1	0.0	54.1	-54.1
2 12 BANDUNG	0.0	18.4	-18.4	0.0	28.6	-28.6	0.0	39.3	-39.3	0.0	50.1	-50.1	0.0	60.8	-60.8
2 13 SUMEDANG	0.0	9.2	-9.2	0.0	14.3	-14.3	0.0	19.6	-19.6	0.0	25.0	-25.0	0.0	30.4	-30.4
2 14 GARUT	0.0	15.0	-15.0	0.0	23.3	-23.3	0.0	32.1	-32.1	0.0	40.9	-40.9	0.0	49.6	-49.6
2 15 TASIKMALAYA	0.0	14.3	-14.3	0.0	22.2	-22.2	0.0	30.6	-30.6	0.0	39.0	-39.0	0.0	47.4	-47.4
2 16 CIAYIS	0.0	16.2	-16.2	0.0	25.1	-25.1	0.0	34.6	-34.6	0.0	44.1	-44.1	0.0	53.5	-53.5
2 17 CIREBON	0.0	9.6	-9.6	0.0	15.0	-15.0	0.0	20.9	-20.9	0.0	26.7	-26.7	0.0	32.6	-32.6
2 18 KUNINGAY	0.0	6.0	-6.0	0.0	9.5	-9.5	0.0	13.1	-13.1	0.0	16.8	-16.8	0.0	20.5	-20.5
2 19 INDRAMAYU	0.0	18.0	-18.0	0.0	28.4	-28.4	0.0	39.4	-39.4	0.0	50.4	-50.4	0.0	61.4	-61.4
2 20 MAJALENGKA	0.0	8.7	-8.7	0.0	13.7	-13.7	0.0	19.0	-19.0	0.0	24.4	-24.4	0.0	29.7	-29.7
TOTAL	0.0	263.7	-263.7	456.0	405.7	50.3	456.0	556.3	-100.3	456.0	706.8	-250.8	456.0	857.1	-401.1

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)

* KABUPATEN (REGENCY) COVERS KOTAMADIA (MUNICIPALITY) OF THE SAME NAME

App. Table IIIE-35 SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION BY KABUPATEN (1975-1995)

* CENTRAL JAWA INCL. D.I. YOGYAKARTA
* COMMODITY FERTILIZER

1000MT

	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
3 1 BANYUMAS	0.0	10.3	-10.3	0.0	14.9	-14.9	0.0	19.9	-19.9	0.0	24.8	-24.8	0.0	29.9	-29.9
3 2 PURBALINGGA	0.0	5.4	-5.4	0.0	7.8	-7.8	0.0	10.4	-10.4	0.0	13.0	-13.0	0.0	15.6	-15.6
3 3 CILACAP	0.0	17.5	-17.5	0.0	25.4	-25.4	0.0	33.9	-33.9	0.0	42.3	-42.3	0.0	50.9	-50.9
3 4 BANJARNEGARA	0.0	3.6	-3.6	0.0	5.2	-5.2	0.0	7.0	-7.0	0.0	8.7	-8.7	0.0	10.5	-10.5
3 5 MAGELANG	0.0	7.4	-7.4	0.0	11.1	-11.1	0.0	15.0	-15.0	0.0	19.0	-19.0	0.0	23.0	-23.0
3 6 TEMANGGUNG	0.0	4.7	-4.7	0.0	7.0	-7.0	0.0	9.5	-9.5	0.0	12.0	-12.0	0.0	14.6	-14.6
3 7 WONOSOBO	0.0	3.3	-3.3	0.0	4.9	-4.9	0.0	6.7	-6.7	0.0	8.5	-8.5	0.0	10.3	-10.3
3 8 PURWOREJO	0.0	7.9	-7.9	0.0	11.8	-11.8	0.0	16.0	-16.0	0.0	20.2	-20.2	0.0	24.4	-24.4
3 9 KEBUMEN	0.0	10.7	-10.7	0.0	16.0	-16.0	0.0	21.8	-21.8	0.0	27.6	-27.6	0.0	33.3	-33.3
3 10 PESALONGAN	0.0	7.8	-7.8	0.0	11.1	-11.1	0.0	14.6	-14.6	0.0	18.1	-18.1	0.0	21.7	-21.7
3 11 PEMALANG	0.0	10.4	-10.4	0.0	14.7	-14.7	0.0	19.4	-19.4	0.0	24.1	-24.1	0.0	28.8	-28.8
3 12 JEGAL	0.0	9.8	-9.8	0.0	13.9	-13.9	0.0	18.3	-18.3	0.0	22.7	-22.7	0.0	27.2	-27.2
3 13 BREBES	0.0	12.9	-12.9	0.0	18.2	-18.2	0.0	24.0	-24.0	0.0	29.8	-29.8	0.0	35.6	-35.6
3 14 BATANG	0.0	4.2	-4.2	0.0	6.1	-6.1	0.0	8.2	-8.2	0.0	10.2	-10.2	0.0	12.3	-12.3
3 15 SEMARANG	0.0	6.7	-6.7	0.0	10.4	-10.4	0.0	14.1	-14.1	0.0	17.9	-17.9	0.0	21.7	-21.7
3 16 KENDAL	0.0	6.8	-6.8	0.0	10.5	-10.5	0.0	14.3	-14.3	0.0	18.1	-18.1	0.0	21.9	-21.9
3 17 DEYAK	0.0	10.3	-10.3	0.0	15.8	-15.8	0.0	21.6	-21.6	0.0	27.4	-27.4	0.0	33.1	-33.1
3 18 GRABYGAN	0.0	11.7	-11.7	0.0	18.0	-18.0	0.0	24.6	-24.6	0.0	31.2	-31.2	0.0	37.7	-37.7
3 19 PATI	0.0	10.6	-10.6	0.0	15.6	-15.6	0.0	21.6	-21.6	0.0	27.7	-27.7	0.0	33.7	-33.7
3 20 JEPARA	0.0	7.0	-7.0	0.0	10.3	-10.3	0.0	14.3	-14.3	0.0	18.2	-18.2	0.0	22.2	-22.2
3 21 REMBANG	0.0	5.7	-5.7	0.0	8.5	-8.5	0.0	11.7	-11.7	0.0	15.0	-15.0	0.0	18.3	-18.3
3 22 BLORA	0.0	7.9	-7.9	0.0	11.7	-11.7	0.0	16.2	-16.2	0.0	20.7	-20.7	0.0	25.2	-25.2
3 23 KUDUS	0.0	2.9	-2.9	0.0	4.3	-4.3	0.0	5.9	-5.9	0.0	7.5	-7.5	0.0	9.2	-9.2
3 24 KLATEN	0.0	8.2	-8.2	0.0	11.9	-11.9	0.0	15.9	-15.9	0.0	19.9	-19.9	0.0	23.9	-23.9
3 25 BOYOLALI	0.0	5.0	-5.0	0.0	7.3	-7.3	0.0	9.7	-9.7	0.0	12.2	-12.2	0.0	14.7	-14.7
3 26 SRAGEN	0.0	12.3	-12.3	0.0	18.0	-18.0	0.0	24.1	-24.1	0.0	30.1	-30.1	0.0	36.2	-36.2
3 27 SUKOHARJO	0.0	4.9	-4.9	0.0	7.1	-7.1	0.0	9.5	-9.5	0.0	11.9	-11.9	0.0	14.3	-14.3
3 28 KARANGANYAR	0.0	4.9	-4.9	0.0	7.1	-7.1	0.0	9.5	-9.5	0.0	11.9	-11.9	0.0	14.3	-14.3
3 29 WONOGIRI	0.0	7.8	-7.8	0.0	11.3	-11.3	0.0	15.2	-15.2	0.0	19.0	-19.0	0.0	22.8	-22.8
4 1 BANTUL	0.0	2.9	-2.9	0.0	4.5	-4.5	0.0	6.4	-6.4	0.0	8.2	-8.2	0.0	10.1	-10.1
4 2 SLEMAN	0.0	5.1	-5.1	0.0	7.9	-7.9	0.0	11.2	-11.2	0.0	14.3	-14.3	0.0	17.5	-17.5
4 3 GUNUNG KIDUL	0.0	4.2	-4.2	0.0	5.5	-5.5	0.0	9.1	-9.1	0.0	11.7	-11.7	0.0	14.3	-14.3
4 4 KULON PROGG	0.0	1.3	-1.3	0.0	2.1	-2.1	0.0	2.9	-2.9	0.0	3.8	-3.8	0.0	4.6	-4.6
TOTAL	0.0	242.1	-242.1	0.0	356.9	-356.9	0.0	482.5	-482.5	0.0	607.7	-607.7	0.0	733.9	-733.9

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)

* KABUPATEN (REGENCY) COVERS KOTAMADIA (MUNICIPALITY) OF THE SAME NAME

KAB. SEWARANG COVERS KOTA-SALATIGA

KAB. SUKOHARJO COVERS KOTA-SURAKARTA

KAB. BANTUL COVERS KOTA-YOGYAKARTA

App. Table IIIE-36

SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION BY KABUPATEN (1975-1995)

* EAST JAVA

1000MT

* COMMODITY FERTILIZER

KABUPATEN*	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
5 1 SURABAYA	108.0	10.6	97.4	512.0	15.5	496.5	512.0	20.5	491.5	512.0	25.7	486.3	512.0	30.8	481.2
5 2 SIDHARJO	0.0	7.8	-7.8	0.0	11.5	-11.5	9.0	15.3	-15.3	0.0	19.1	-19.1	0.0	23.0	-23.0
5 3 MOJOKERTO	0.0	7.9	-7.9	0.0	11.7	-11.7	0.0	15.5	-15.5	0.0	19.4	-19.4	0.0	23.3	-23.3
5 4 JOYOBANG	0.0	9.7	-9.7	0.0	14.3	-14.3	0.0	19.0	-19.0	0.0	23.7	-23.7	0.0	28.4	-28.4
5 5 BOJONEGORO	0.0	12.0	-12.0	0.0	17.6	-17.6	0.0	23.7	-23.7	0.0	29.8	-29.8	0.0	35.9	-35.9
5 6 TUBAN	0.0	10.3	-10.3	0.0	15.2	-15.2	0.0	20.4	-20.4	0.0	25.7	-25.7	0.0	31.0	-31.0
5 7 LAMONGAN	0.0	17.0	-17.0	0.0	24.9	-24.9	0.0	33.5	-33.5	0.0	42.2	-42.2	0.0	50.8	-50.8
5 8 MADIUN	0.0	7.8	-7.8	0.0	11.0	-11.0	0.0	14.3	-14.3	0.0	17.6	-17.6	0.0	20.9	-20.9
5 9 NGAWI	0.0	13.3	-13.3	0.0	18.9	-18.9	0.0	24.4	-24.4	0.0	30.0	-30.0	0.0	35.7	-35.7
5 10 MAGETAN	0.0	6.0	-6.0	0.0	8.5	-8.5	0.0	11.0	-11.0	0.0	13.5	-13.5	0.0	16.1	-16.1
5 11 PONOROGO	0.0	6.3	-6.3	0.0	8.9	-8.9	0.0	11.5	-11.5	0.0	14.2	-14.2	0.0	16.9	-16.9
5 12 PACIJAN	0.0	6.3	-6.3	0.0	8.9	-8.9	0.0	11.5	-11.5	0.0	14.2	-14.2	0.0	16.9	-16.9
5 13 KEDIRI	0.0	10.8	-10.8	0.0	15.5	-15.5	0.0	20.4	-20.4	0.0	25.2	-25.2	0.0	30.1	-30.1
5 14 NGANJUK	0.0	10.2	-10.2	0.0	14.6	-14.6	0.0	19.2	-19.2	0.0	23.7	-23.7	0.0	28.3	-28.3
5 15 BLITAR	0.0	9.5	-9.5	0.0	13.6	-13.6	0.0	17.9	-17.9	0.0	22.1	-22.1	0.0	26.4	-26.4
5 16 TULUNGAGUNG	0.0	5.3	-5.3	0.0	7.7	-7.7	0.0	10.1	-10.1	0.0	12.5	-12.5	0.0	14.9	-14.9
5 17 TRENGGALEK	0.0	3.4	-3.4	0.0	4.9	-4.9	0.0	6.5	-6.5	0.0	8.0	-8.0	0.0	9.6	-9.6
5 18 MALANG	0.0	20.6	-20.6	0.0	29.6	-29.6	0.0	38.7	-38.7	0.0	47.9	-47.9	0.0	57.0	-57.0
5 19 PASURUAN	0.0	18.0	-18.0	0.0	25.8	-25.8	0.0	33.8	-33.8	0.0	41.7	-41.7	0.0	49.7	-49.7
5 20 PROBOLINGGO	0.0	12.0	-12.0	0.0	17.1	-17.1	0.0	22.5	-22.5	0.0	27.8	-27.8	0.0	33.1	-33.1
5 21 LUMAJANG	0.0	14.8	-14.8	0.0	21.2	-21.2	0.0	27.8	-27.8	0.0	34.3	-34.3	0.0	40.9	-40.9
5 22 BONDOWOSO	0.0	7.5	-7.5	0.0	11.0	-11.0	0.0	14.6	-14.6	0.0	18.3	-18.3	0.0	21.9	-21.9
5 23 SITUBONDO	0.0	5.3	-5.3	0.0	7.8	-7.8	0.0	10.4	-10.4	0.0	13.0	-13.0	0.0	15.5	-15.5
5 24 JEMBER	0.0	20.1	-20.1	0.0	29.4	-29.4	0.0	39.2	-39.2	0.0	49.0	-49.0	0.0	58.7	-58.7
5 25 BANYUWANGI	0.0	20.9	-20.9	0.0	30.6	-30.6	0.0	40.8	-40.8	0.0	51.0	-51.0	0.0	61.1	-61.1
5 26 PAMEKASAN	0.0	4.9	-4.9	0.0	7.4	-7.4	0.0	10.3	-10.3	0.0	13.1	-13.1	0.0	16.0	-16.0
5 27 SAMPANG	0.0	6.2	-6.2	0.0	9.4	-9.4	0.0	13.0	-13.0	0.0	16.6	-16.6	0.0	20.3	-20.3
5 28 SUMENEP	0.0	5.3	-5.3	0.0	8.0	-8.0	0.0	11.1	-11.1	0.0	14.1	-14.1	0.0	17.2	-17.2
5 29 BANGKALAN	0.0	8.2	-8.2	0.0	12.5	-12.5	0.0	17.3	-17.3	0.0	22.0	-22.0	0.0	26.8	-26.8
TOTAL	108.0	298.0	-190.0	512.0	433.0	79.0	512.0	574.2	-62.2	512.0	715.4	-203.4	512.0	857.1	-245.1

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)

* KABUPATEN (REGENCY) COVERS KOTAMADIA (MUNICIPALITY) OF THE SAME NAME

App. Table IIIE-37

SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION BY KABUPATEN (1975-1995)

* WEST JAVA INCL. D.K.I. JAKARTA
 * COMMODITY OTHER INDUSTRY PRODUCTS DISTRIBUTED IN JAVA

1000MT

	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
1 0 D.K.I. JAKARTA	225.9	435.6	-209.6	515.6	678.5	-163.0	898.3	931.2	-32.9	1402.3	1219.1	183.2	2055.4	1588.0	467.5
2 1 PANDEGLANG	4.2	32.1	-27.9	8.2	42.3	-34.0	14.7	56.4	-41.7	23.6	71.9	-48.3	35.9	91.0	-55.1
2 2 SERANG	6.4	48.4	-42.0	12.4	63.5	-51.1	22.3	84.8	-62.5	35.7	108.1	-72.4	54.4	136.9	-82.5
2 3 LERAK	4.0	30.9	-26.9	7.8	40.5	-32.8	14.0	54.2	-40.2	22.3	69.0	-46.6	34.0	87.2	-53.2
2 4 BEKASI	5.6	46.0	-40.4	10.8	60.3	-49.5	19.3	80.3	-61.0	30.5	101.8	-71.3	46.0	128.1	-82.1
2 5 KRAMAYANG	7.1	56.6	-49.5	13.8	74.3	-60.5	24.6	92.0	-74.4	39.1	125.7	-86.6	59.2	158.6	-99.4
2 6 PURWAKARTA	3.7	21.8	-18.0	7.3	28.7	-21.4	13.3	38.8	-25.5	21.9	50.2	-28.3	34.4	64.9	-30.5
2 7 TANGERANG	7.9	59.8	-51.9	15.3	78.5	-63.2	27.4	104.8	-77.4	43.8	133.5	-89.7	66.9	169.1	-102.2
2 8 SUBANG	5.8	49.8	-44.0	11.3	65.4	-54.1	19.9	86.8	-66.9	31.5	110.0	-78.5	47.3	138.1	-90.8
2 9 BOGOR	16.3	106.8	-90.5	31.7	140.6	-108.8	57.8	189.2	-131.4	94.1	243.3	-149.1	145.8	311.3	-165.5
2 10 SUKABUMI	9.9	73.9	-64.0	19.2	97.1	-77.9	34.3	129.7	-95.3	55.2	165.4	-110.2	84.2	209.5	-125.3
2 11 CIANJUR	10.9	65.5	-54.7	21.3	86.4	-65.1	39.0	116.8	-77.8	64.0	151.0	-87.0	100.1	194.8	-94.7
2 12 BANDUNG	64.5	210.0	-145.6	127.1	279.6	-152.5	241.9	397.6	-155.8	413.8	543.2	-129.4	671.5	744.6	-73.1
2 13 SUMEDANG	4.3	35.8	-31.5	8.4	47.0	-38.6	15.0	62.5	-47.5	23.7	79.3	-55.6	35.7	99.8	-64.1
2 14 GARUT	8.8	67.6	-58.8	17.2	88.9	-71.7	30.7	118.5	-87.8	49.0	150.9	-101.9	74.7	190.9	-116.2
2 15 TASIKMALAYA	9.7	74.4	-64.7	18.9	97.8	-78.9	33.8	130.5	-96.7	54.0	166.2	-112.2	82.2	210.2	-128.0
2 16 CIAMIS	9.0	68.9	-59.8	17.5	90.4	-72.9	31.4	120.8	-89.3	50.3	153.8	-103.5	76.6	194.7	-118.1
2 17 CIREBON	12.6	71.4	-58.8	24.6	94.1	-69.5	45.3	127.7	-82.4	74.7	165.9	-91.2	117.3	214.8	-97.5
2 18 KUNINGAY	4.3	36.6	-32.3	8.3	48.0	-39.7	14.8	63.8	-49.0	23.3	80.8	-57.5	35.0	101.5	-66.5
2 19 INDRAMAYU	5.7	53.9	-48.2	11.0	70.6	-59.6	19.2	93.3	-74.2	29.8	117.6	-87.8	43.8	146.7	-102.9
2 20 MAJALENGKA	4.2	42.5	-38.2	8.1	55.7	-47.5	14.1	73.4	-59.3	21.6	92.2	-70.5	31.3	114.5	-83.2
TOTAL	430.9	1688.3	-1257.4	915.9	2328.1	-1412.2	1631.1	3160.0	-1529.0	2604.2	4098.7	-1494.5	3931.9	5295.2	-1363.4

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)

* KABUPATEN (REGENCY) COVERS KOTAMADIA (MUNICIPALITY) OF THE SAME NAME

* CENTRAL JAVA INCL. D.I. YOGYAKARTA
* COMMODITY OTHER INDUSTRY PRODUCTS DISTRIBUTED IN JAVA

1000MT

KABUPATEN*	1975			1985			1990			1995					
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)			
3 1 BANYUMAS	5.5	57.8	-52.3	10.6	76.0	-65.4	17.7	97.4	-79.8	25.9	118.5	-92.6	36.0	142.8	-106.9
3 2 PURBALINGGA	3.5	32.6	-29.0	6.8	42.9	-36.1	11.4	55.1	-43.7	17.0	67.3	-50.3	24.0	81.4	-57.5
3 3 CILACAP	7.9	66.7	-58.8	15.1	87.7	-72.6	25.5	113.0	-87.5	38.1	138.2	-100.1	54.4	167.9	-113.5
3 4 BANJARNEGARA	3.8	33.1	-29.3	7.4	43.7	-36.3	12.4	56.1	-43.7	18.6	68.7	-50.1	26.4	83.3	-55.9
3 5 MAGELANG	8.5	54.7	-46.1	16.3	71.8	-55.5	28.1	93.3	-65.2	43.0	115.4	-72.3	63.3	142.2	-78.9
3 6 TEMANGGUNG	3.9	27.1	-23.2	7.4	35.5	-28.1	12.8	46.0	-33.3	19.4	56.7	-37.3	28.1	69.5	-41.3
3 7 WONOSOBO	3.4	28.7	-25.3	6.5	37.7	-31.3	10.9	48.6	-37.7	16.3	59.5	-43.2	23.3	72.3	-48.9
3 8 PUKWOREJO	4.5	37.1	-32.6	8.7	48.9	-40.2	14.6	62.9	-48.3	22.0	77.1	-55.1	31.4	93.7	-62.3
3 9 KEBUMEN	6.0	52.4	-46.4	11.5	68.9	-57.4	19.3	88.7	-69.4	28.8	108.4	-79.6	41.1	131.6	-90.5
3 10 PEKALONGAN	7.2	38.7	-31.5	13.7	50.8	-37.1	23.8	66.4	-42.6	36.9	82.8	-45.9	54.8	103.1	-48.3
3 11 PEMALANG	5.8	45.1	-39.2	11.1	59.1	-48.0	18.9	76.4	-57.4	28.8	93.9	-65.1	41.6	114.7	-73.1
3 12 TEGAL	8.4	55.3	-46.9	16.2	72.7	-56.6	27.7	94.4	-66.7	42.5	116.7	-74.2	62.2	143.5	-81.3
3 13 BREBES	6.5	57.9	-51.4	12.6	76.2	-63.6	21.1	98.0	-76.9	31.5	119.8	-88.3	44.7	145.2	-100.5
3 14 BATANG	3.5	26.3	-22.8	6.7	34.5	-27.8	11.4	44.6	-33.2	17.2	54.8	-37.6	25.0	67.0	-42.1
3 15 SEMARANG	36.4	96.9	-60.5	69.3	126.3	-57.0	122.7	171.9	-49.3	196.3	225.0	-28.7	300.0	296.8	3.1
3 16 KENDAL	3.7	36.5	-32.8	7.1	48.0	-40.9	11.9	61.5	-49.6	17.5	75.0	-57.5	24.6	90.6	-66.0
3 17 DEMAK	3.9	33.3	-29.4	7.5	43.8	-36.3	12.7	56.4	-43.7	19.1	69.2	-50.0	27.3	84.0	-56.7
3 18 GRABANG	5.0	48.7	-43.7	9.6	64.1	-54.5	16.1	82.3	-66.3	23.7	100.3	-76.7	33.3	121.2	-87.9
3 19 PATI	5.3	46.7	-41.4	10.2	61.4	-51.2	17.2	79.0	-61.8	25.7	96.6	-70.9	36.5	117.2	-80.6
3 20 JEPARA	4.1	32.8	-28.7	7.9	43.2	-35.3	13.4	55.7	-42.3	20.3	68.4	-48.1	29.1	83.3	-54.2
3 21 REMBANG	2.6	20.2	-17.5	5.1	26.6	-21.5	8.6	34.3	-25.7	13.0	42.1	-29.1	18.8	51.4	-32.6
3 22 BLORA	4.2	34.8	-30.6	8.1	45.8	-37.7	13.7	59.0	-45.3	20.5	72.2	-51.7	29.5	87.9	-58.4
3 23 KUDUS	3.6	25.6	-22.0	6.8	33.6	-26.7	11.7	43.5	-31.8	17.8	53.6	-35.7	26.1	65.7	-39.7
3 24 KLATEN	5.7	53.6	-47.9	10.9	70.5	-59.6	18.2	90.5	-72.3	27.1	110.5	-83.4	38.1	133.6	-95.5
3 25 BOYOLALI	4.0	38.8	-34.8	7.7	51.0	-43.3	12.8	65.4	-52.7	18.9	79.9	-60.9	26.6	96.6	-69.9
3 26 SRAGEN	4.2	35.6	-31.4	8.1	46.9	-38.8	13.7	60.5	-46.8	20.4	74.0	-53.5	29.2	89.9	-60.7
3 27 SUKOHARJO	20.7	61.1	-40.5	39.3	79.8	-40.5	69.4	107.8	-38.4	110.8	139.8	-29.0	168.8	182.5	-13.7
3 28 KARANGANYAR	2.5	27.0	-24.5	4.8	35.5	-30.7	7.9	45.5	-37.6	11.4	55.2	-43.8	15.9	66.6	-50.6
3 29 WONOGIRI	5.2	49.1	-43.9	10.0	64.6	-54.6	16.7	83.0	-66.3	24.8	101.3	-76.5	34.9	122.4	-87.5
4 1 BANTUL	17.9	58.8	-40.9	33.5	76.2	-42.8	54.6	97.8	-43.2	82.7	122.0	-39.4	114.1	149.0	-34.9
4 2 SLEMAN	2.8	32.3	-29.5	5.4	42.7	-37.3	8.9	54.8	-45.9	12.8	66.6	-53.8	17.7	81.1	-63.4
4 3 GUNUNG KIDUL	3.6	34.5	-30.9	6.9	45.6	-38.7	11.3	58.5	-47.2	16.4	71.3	-54.8	22.6	86.6	-64.0
4 4 KULDN PRGGO	2.1	20.6	-16.5	4.1	27.2	-23.1	6.8	35.0	-28.2	9.8	42.5	-32.7	13.6	51.7	-38.1
TOTAL	216.1	1400.4	-1184.3	412.7	1839.2	-1426.4	703.8	2383.4	-1679.7	1075.1	2943.4	-1868.3	1563.0	3616.4	-2053.4

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)

* KABUPATEN (REGENCY) COVERS KOTAMADIA (MUNICIPALITY) OF THE SAME NAME

KAB. SEMARANG COVERS KOTA. SALATIGA

KAB. SUKOHARJO COVERS KOTA. SURAKARTA

KAB. BANTUL COVERS KOTA. YOGYAKARTA

App. Table IIIE-39 SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION BY KABUPATEN (1975-1995)

* EAST JAVA

1000MT

OTHER INDUSTRY PRODUCTS DISTRIBUTED IN JAVA

KABUPATEN*	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
5 1 SURABAYA	70.4	161.6	-91.1	145.0	224.4	-79.4	280.3	333.9	-53.6	489.3	479.0	10.4	814.8	694.4	120.4
5 2 SIDHARJO	4.7	37.8	-33.1	9.2	49.5	-40.3	16.3	65.2	-48.9	26.0	82.3	-56.3	39.3	102.7	-63.5
5 3 MOJOKERTO	5.3	36.9	-31.6	10.4	48.5	-38.1	18.8	64.5	-45.7	30.5	82.1	-51.7	47.3	104.0	-56.7
5 4 JOMBANG	5.4	45.2	-39.7	10.7	59.2	-48.5	18.8	77.9	-59.0	29.8	98.1	-68.2	45.1	122.3	-77.2
5 5 BOJONEGORO	6.5	48.3	-41.7	12.8	63.2	-50.4	22.9	83.8	-60.9	36.9	106.2	-69.3	56.9	133.8	-77.0
5 6 TUBAN	5.3	41.9	-36.6	10.4	54.9	-44.5	18.5	72.5	-54.0	29.5	91.6	-62.0	44.9	114.6	-69.7
5 7 LAMONGAN	5.5	50.2	-44.8	10.7	65.6	-54.9	18.6	86.0	-67.4	28.9	107.5	-78.6	42.8	133.0	-90.2
5 8 MADIUN	8.6	43.3	-34.7	17.2	57.4	-40.2	31.9	78.1	-46.2	53.5	102.2	-48.7	85.9	133.7	-47.9
5 9 NGAWI	4.5	38.4	-33.9	8.8	50.2	-41.4	15.3	65.9	-50.6	24.1	82.8	-58.7	36.2	102.9	-66.7
5 10 MAGETAN	4.7	31.9	-27.2	9.3	41.9	-32.6	16.8	55.8	-39.0	27.4	71.3	-43.8	42.8	90.5	-47.7
5 11 PONOROGO	5.3	41.0	-35.7	10.5	53.8	-43.2	18.8	71.2	-52.4	30.2	90.2	-59.9	46.1	113.1	-66.9
5 12 PACIJAN	4.1	27.7	-23.6	8.0	36.3	-28.3	14.6	48.5	-33.8	23.8	61.9	-38.1	37.1	78.6	-41.5
5 13 KEDIRI	14.0	74.6	-60.6	28.1	98.7	-70.7	52.0	133.9	-81.9	86.7	174.3	-87.6	138.3	226.7	-88.4
5 14 NGARJUK	4.7	42.8	-38.1	9.2	55.9	-46.7	16.0	73.3	-57.2	25.0	91.8	-66.8	37.0	113.4	-76.5
5 15 BLITAR	7.3	56.8	-49.5	14.5	74.5	-59.9	25.8	98.4	-72.6	41.3	124.6	-83.2	63.3	156.2	-92.9
5 16 TULUNGAGUNG	5.4	43.1	-37.7	10.6	56.4	-45.8	18.8	74.5	-55.7	30.0	94.1	-64.1	45.6	117.7	-72.0
5 17 TRENGGALEK	4.1	29.8	-25.6	8.2	39.1	-30.9	14.6	51.9	-37.2	23.6	65.9	-42.3	36.5	83.2	-46.7
5 18 MALANG	26.1	130.7	-104.6	52.6	173.5	-120.9	97.8	236.3	-138.6	164.0	309.5	-145.5	263.2	405.7	-142.5
5 19 PASURUAN	7.2	53.6	-46.4	14.2	70.2	-56.0	25.5	93.1	-67.6	41.1	118.1	-77.0	63.0	148.6	-85.6
5 20 PROBOLINGGO	7.0	48.3	-41.2	13.9	63.4	-49.5	25.1	84.4	-59.3	40.8	101.6	-66.8	63.5	136.5	-73.0
5 21 LUMAJANG	6.5	45.3	-38.8	12.8	59.4	-46.5	23.3	79.1	-55.8	37.7	100.8	-63.1	58.4	127.6	-69.1
5 22 BONDOWOSO	4.2	31.0	-26.7	8.4	40.7	-32.3	15.0	53.9	-38.9	24.1	68.4	-44.3	37.2	86.2	-49.0
5 23 SITUBONDO	3.4	26.5	-23.0	6.8	34.7	-27.9	12.1	45.9	-33.8	19.4	58.0	-38.7	29.6	72.9	-43.2
5 24 JEMBER	11.9	95.3	-83.4	23.2	124.5	-101.3	41.3	164.4	-123.2	65.5	207.4	-141.9	99.5	259.2	-159.7
5 25 BANYUWANGI	8.8	73.5	-64.7	17.2	96.0	-78.8	30.5	126.6	-96.1	48.0	159.1	-111.1	72.5	198.3	-125.8
5 26 PALEKASAN	4.0	26.5	-22.5	7.9	34.8	-27.0	14.3	46.5	-32.2	23.3	59.3	-36.0	36.4	75.5	-39.1
5 27 SAMPANG	4.6	30.7	-26.1	9.1	40.4	-31.2	16.5	53.8	-37.3	26.9	68.8	-41.8	42.1	87.5	-45.4
5 28 SUMENEP	4.7	42.8	-38.1	9.2	55.9	-46.7	16.0	73.3	-57.2	25.0	91.8	-66.8	37.0	113.4	-76.5
5 29 BANGKALAN	4.3	35.1	-30.8	8.5	45.9	-37.4	15.0	60.6	-45.6	23.9	76.4	-52.5	36.1	95.4	-59.3

TOTAL 258.7 1490.3-1231.7 517.5 1968.7-1451.2 951.4 2652.9-1701.5 1576.6 3431.0-1854.4 2498.3 4427.6-1929.3

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)

* KABUPATEN (REGENCY) COVERS KOTAMADYA (MUNICIPALITY) OF THE SAME NAME

App. Table IIIE-40

SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION BY KABUPATEN (1975-1995)

* WEST JAVA INCL. D.K.I. JAKARTA

* COMMODITY OTHER INDUSTRY PRODUCTS EXPORTED FROM JAVA 1000MT

	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
KABUPATEN*															
1 0 D.K.I. JAKARTA	441.4	0.0	441.4	646.2	0.0	646.2	838.3	0.0	838.3	1064.5	0.0	1064.5	1330.1	0.0	1330.1
2 1 PADEGLANG	8.3	0.0	8.3	10.4	0.0	10.4	13.6	0.0	13.6	17.9	0.0	17.9	23.1	0.0	23.1
2 2 SERANG	12.6	0.0	12.6	15.7	0.0	15.7	20.8	0.0	20.8	27.1	0.0	27.1	35.0	0.0	35.0
2 3 LEBAC	7.9	0.0	7.9	9.8	0.0	9.8	13.0	0.0	13.0	16.9	0.0	16.9	21.8	0.0	21.8
2 4 BEKASI	11.0	0.0	11.0	13.7	0.0	13.7	18.0	0.0	18.0	23.2	0.0	23.2	29.5	0.0	29.5
2 5 KRAWANG	14.0	0.0	14.0	17.4	0.0	17.4	22.9	0.0	22.9	29.6	0.0	29.6	38.0	0.0	38.0
2 6 PURWAKARTA	7.3	0.0	7.3	9.1	0.0	9.1	12.4	0.0	12.4	16.7	0.0	16.7	22.2	0.0	22.2
2 7 TANGERANG	15.5	0.0	15.5	19.3	0.0	19.3	25.4	0.0	25.4	33.2	0.0	33.2	42.9	0.0	42.9
2 8 SUBANG	11.5	0.0	11.5	14.3	0.0	14.3	18.5	0.0	18.5	23.9	0.0	23.9	30.3	0.0	30.3
2 9 BOGOR	31.9	0.0	31.9	40.0	0.0	40.0	53.8	0.0	53.8	71.4	0.0	71.4	93.8	0.0	93.8
2 10 SUKABUMI	19.4	0.0	19.4	24.2	0.0	24.2	31.9	0.0	31.9	41.8	0.0	41.8	54.1	0.0	54.1
2 11 CIANJUR	21.3	0.0	21.3	26.8	0.0	26.8	36.3	0.0	36.3	48.6	0.0	48.6	64.5	0.0	64.5
2 12 BAWUNG	126.1	0.0	126.1	159.6	0.0	159.6	225.5	0.0	225.5	314.1	0.0	314.1	433.9	0.0	433.9
2 13 SUMEDANG	8.6	0.0	8.6	10.6	0.0	10.6	13.9	0.0	13.9	18.0	0.0	18.0	22.9	0.0	22.9
2 14 GARUT	17.4	0.0	17.4	21.7	0.0	21.7	28.6	0.0	28.6	37.2	0.0	37.2	48.0	0.0	48.0
2 15 TASIKMALAYA	19.0	0.0	19.0	23.8	0.0	23.8	31.4	0.0	31.4	41.0	0.0	41.0	52.8	0.0	52.8
2 16 CIAMIS	17.8	0.0	17.8	22.2	0.0	22.2	29.2	0.0	29.2	38.2	0.0	38.2	49.2	0.0	49.2
2 17 CIREBON	24.7	0.0	24.7	31.0	0.0	31.0	42.1	0.0	42.1	56.7	0.0	56.7	75.6	0.0	75.6
2 18 KUNINGAY	8.5	0.0	8.5	10.5	0.0	10.5	13.7	0.0	13.7	17.7	0.0	17.7	22.4	0.0	22.4
2 19 INDRAMAYU	11.2	0.0	11.2	13.9	0.0	13.9	17.8	0.0	17.8	22.6	0.0	22.6	28.0	0.0	28.0
2 20 MAJALENGKA	8.3	0.0	8.3	10.3	0.0	10.3	13.1	0.0	13.1	16.4	0.0	16.4	20.0	0.0	20.0
TOTAL	843.6	0.0	843.6	1150.7	0.0	1150.7	1520.3	0.0	1520.3	1976.5	0.0	1976.5	2538.1	0.0	2538.1

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)

* KABUPATEN (REGENCY) COVERS KOTAHADIA (MUNICIPALITY) OF THE SAME NAME

App. Table IIIE-41

SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION BY KABUPATEN (1975-1995)

* CENTRAL JAVA INCL. D.I. YOGYAKARTA 1000MT

* COMMODITY OTHER INDUSTRY PRODUCTS EXPORTED FROM JAVA

	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
KABUPATEN*															
3 1 BANYUMAS	10.9	0.0	10.9	13.5	0.0	13.5	16.4	0.0	16.4	19.6	0.0	19.6	23.0	0.0	23.0
3 2 PURBALINGGA	7.0	0.0	7.0	8.6	0.0	8.6	10.6	0.0	10.6	12.9	0.0	12.9	15.3	0.0	15.3
3 3 CILACAP	15.5	0.0	15.5	19.1	0.0	19.1	23.7	0.0	23.7	28.9	0.0	28.9	34.9	0.0	34.9
3 4 BANJARNEGARA	7.5	0.0	7.5	9.3	0.0	9.3	11.5	0.0	11.5	14.1	0.0	14.1	16.9	0.0	16.9
3 5 MAGELANG	16.7	0.0	16.7	20.6	0.0	20.6	26.2	0.0	26.2	32.7	0.0	32.7	40.7	0.0	40.7
3 6 TEMANGGUNG	7.6	0.0	7.6	9.4	0.0	9.4	11.9	0.0	11.9	14.7	0.0	14.7	18.1	0.0	18.1
3 7 WONOSOBO	6.6	0.0	6.6	8.2	0.0	8.2	10.1	0.0	10.1	12.4	0.0	12.4	15.0	0.0	15.0
3 8 PURWOREJO	8.8	0.0	8.8	10.9	0.0	10.9	13.6	0.0	13.6	16.7	0.0	16.7	20.1	0.0	20.1
3 9 KEBUMEN	11.7	0.0	11.7	14.5	0.0	14.5	17.9	0.0	17.9	21.9	0.0	21.9	26.3	0.0	26.3
3 10 PEKALONGAN	14.0	0.0	14.0	17.3	0.0	17.3	22.1	0.0	22.1	28.0	0.0	28.0	35.3	0.0	35.3
3 11 PEMALANG	11.5	0.0	11.5	14.1	0.0	14.1	17.6	0.0	17.6	21.8	0.0	21.8	26.7	0.0	26.7
3 12 TEGAL	16.5	0.0	16.5	20.4	0.0	20.4	25.8	0.0	25.8	32.2	0.0	32.2	40.0	0.0	40.0
3 13 BREBES	12.9	0.0	12.9	15.9	0.0	15.9	19.6	0.0	19.6	23.9	0.0	23.9	28.6	0.0	28.6
3 14 BATANG	6.9	0.0	6.9	8.4	0.0	8.4	10.6	0.0	10.6	13.1	0.0	13.1	16.0	0.0	16.0
3 15 SEARANG	71.2	0.0	71.2	86.9	0.0	86.9	114.4	0.0	114.4	149.0	0.0	149.0	193.9	0.0	193.9
3 16 KENDAL	7.3	0.0	7.3	9.0	0.0	9.0	11.0	0.0	11.0	13.3	0.0	13.3	15.7	0.0	15.7
3 17 DEWAK	7.7	0.0	7.7	9.5	0.0	9.5	11.8	0.0	11.8	14.5	0.0	14.5	17.5	0.0	17.5
3 18 GRABYANG	9.8	0.0	9.8	12.2	0.0	12.2	14.9	0.0	14.9	18.0	0.0	18.0	21.2	0.0	21.2
3 19 PATI	10.5	0.0	10.5	13.0	0.0	13.0	16.0	0.0	16.0	19.5	0.0	19.5	23.4	0.0	23.4
3 20 JEPARA	8.1	0.0	8.1	10.0	0.0	10.0	12.5	0.0	12.5	15.4	0.0	15.4	18.7	0.0	18.7
3 21 REMBANG	5.2	0.0	5.2	6.4	0.0	6.4	8.0	0.0	8.0	9.8	0.0	9.8	12.1	0.0	12.1
3 22 BLOKA	8.3	0.0	8.3	10.2	0.0	10.2	12.7	0.0	12.7	15.6	0.0	15.6	18.9	0.0	18.9
3 23 KUDUS	7.1	0.0	7.1	8.7	0.0	8.7	10.9	0.0	10.9	13.5	0.0	13.5	16.8	0.0	16.8
3 24 KLATEN	11.2	0.0	11.2	13.8	0.0	13.8	16.9	0.0	16.9	20.5	0.0	20.5	24.4	0.0	24.4
3 25 BOYOLALI	7.8	0.0	7.8	9.7	0.0	9.7	11.8	0.0	11.8	14.3	0.0	14.3	17.0	0.0	17.0
3 26 SRAGEN	8.3	0.0	8.3	10.2	0.0	10.2	12.7	0.0	12.7	15.5	0.0	15.5	18.7	0.0	18.7
3 27 SUKOHARJO	40.4	0.0	40.4	49.3	0.0	49.3	64.8	0.0	64.8	84.1	0.0	84.1	109.1	0.0	109.1
3 28 KARANGANYAR	4.9	0.0	4.9	6.0	0.0	6.0	7.3	0.0	7.3	8.7	0.0	8.7	10.2	0.0	10.2
3 29 WONOGIRI	10.2	0.0	10.2	12.7	0.0	12.7	15.5	0.0	15.5	18.8	0.0	18.8	22.3	0.0	22.3
4 1 BANTUL	35.0	0.0	35.0	42.0	0.0	42.0	50.9	0.0	50.9	62.7	0.0	62.7	73.6	0.0	73.6
4 2 SLEMAN	5.5	0.0	5.5	6.8	0.0	6.8	8.2	0.0	8.2	9.7	0.0	9.7	11.3	0.0	11.3
4 3 GUNUNG KIJUL	7.1	0.0	7.1	8.7	0.0	8.7	10.5	0.0	10.5	12.5	0.0	12.5	14.4	0.0	14.4
4 4 KULON PROGJ	4.2	0.0	4.2	5.2	0.0	5.2	6.3	0.0	6.3	7.5	0.0	7.5	8.7	0.0	8.7
TOTAL	424.2	0.0	424.2	520.5	0.0	520.5	654.7	0.0	654.7	815.7	0.0	815.7	1004.8	0.0	1004.8

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)

KABUPATEN (REGENCY) COVERS KOTAHADIA (MUNICIPALITY) OF THE SAME NAME

KAB. SEKARANG COVERS KOTA-SALATIGA

KAB. SUKOHARJO COVERS KOTA-SURAKARTA

KAB. BANTUL COVERS KOTA-YOGYAKARTA

APP. Table IIIE-42

SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION BY KABUPATEN (1975-1995)

KABUPATEN*	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
5 1 SURABAYA	137.7	0.0	137.7	181.9	0.0	181.9	261.5	0.0	261.5	371.5	0.0	371.5	527.1	0.0	527.1
5 2 SIDHARJ	9.2	0.0	9.2	11.6	0.0	11.6	15.1	0.0	15.1	19.7	0.0	19.7	25.2	0.0	25.2
5 3 YOJOKERTO	10.3	0.0	10.3	13.2	0.0	13.2	17.5	0.0	17.5	23.1	0.0	23.1	30.4	0.0	30.4
5 4 JOMBANG	10.7	0.0	10.7	13.5	0.0	13.5	17.5	0.0	17.5	22.6	0.0	22.6	28.9	0.0	28.9
5 5 BOJONEGRO	12.8	0.0	12.8	16.2	0.0	16.2	21.3	0.0	21.3	28.0	0.0	28.0	36.5	0.0	36.5
5 6 TUBAN	10.4	0.0	10.4	13.1	0.0	13.1	17.2	0.0	17.2	22.4	0.0	22.4	28.9	0.0	28.9
5 7 LAMONGAN	10.8	0.0	10.8	13.5	0.0	13.5	17.3	0.0	17.3	21.9	0.0	21.9	27.4	0.0	27.4
5 8 MADIUN	16.8	0.0	16.8	21.7	0.0	21.7	29.7	0.0	29.7	40.6	0.0	40.6	55.4	0.0	55.4
5 9 NGAWI	8.8	0.0	8.8	11.1	0.0	11.1	14.3	0.0	14.3	18.3	0.0	18.3	23.2	0.0	23.2
5 10 MAGETAN	9.2	0.0	9.2	11.8	0.0	11.8	15.7	0.0	15.7	20.8	0.0	20.8	27.5	0.0	27.5
5 11 PONOROGO	10.5	0.0	10.5	13.3	0.0	13.3	17.5	0.0	17.5	22.9	0.0	22.9	29.6	0.0	29.6
5 12 PACITAN	8.0	0.0	8.0	10.2	0.0	10.2	13.6	0.0	13.6	18.1	0.0	18.1	23.9	0.0	23.9
5 13 KEDIRI	27.4	0.0	27.4	35.3	0.0	35.3	48.4	0.0	48.4	65.8	0.0	65.8	89.2	0.0	89.2
5 14 NGANJUK	9.3	0.0	9.3	11.6	0.0	11.6	14.9	0.0	14.9	19.0	0.0	19.0	23.7	0.0	23.7
5 15 BLITAR	14.5	0.0	14.5	18.3	0.0	18.3	24.0	0.0	24.0	31.4	0.0	31.4	40.7	0.0	40.7
5 16 TULUNGAGUNG	10.6	0.0	10.6	13.4	0.0	13.4	17.5	0.0	17.5	22.8	0.0	22.8	29.3	0.0	29.3
5 17 TRENGGALEK	8.1	0.0	8.1	10.3	0.0	10.3	13.6	0.0	13.6	17.9	0.0	17.9	23.5	0.0	23.5
5 18 MALANG	51.2	0.0	51.2	66.1	0.0	66.1	91.1	0.0	91.1	124.5	0.0	124.5	169.8	0.0	169.8
5 19 PASURUAN	14.2	0.0	14.2	17.9	0.0	17.9	23.7	0.0	23.7	31.2	0.0	31.2	40.5	0.0	40.5
5 20 PROBOLINGGO	13.8	0.0	13.8	17.6	0.0	17.6	23.4	0.0	23.4	31.0	0.0	31.0	40.8	0.0	40.8
5 21 LUMAJANG	12.8	0.0	12.8	16.2	0.0	16.2	21.7	0.0	21.7	28.6	0.0	28.6	37.6	0.0	37.6
5 22 BONDOWOSO	8.3	0.0	8.3	10.6	0.0	10.6	13.9	0.0	13.9	18.3	0.0	18.3	23.9	0.0	23.9
5 23 SITUBONDO	6.8	0.0	6.8	8.6	0.0	8.6	11.3	0.0	11.3	14.7	0.0	14.7	19.1	0.0	19.1
5 24 JEMBER	23.4	0.0	23.4	29.3	0.0	29.3	38.4	0.0	38.4	49.7	0.0	49.7	63.9	0.0	63.9
5 25 BANYUWANGI	17.4	0.0	17.4	21.8	0.0	21.8	28.3	0.0	28.3	36.4	0.0	36.4	46.5	0.0	46.5
5 26 PAMEKASAN	7.8	0.0	7.8	9.9	0.0	9.9	13.3	0.0	13.3	17.7	0.0	17.7	23.4	0.0	23.4
5 27 SAMPANG	9.0	0.0	9.0	11.5	0.0	11.5	15.4	0.0	15.4	20.4	0.0	20.4	27.1	0.0	27.1
5 28 SUMENEP	9.3	0.0	9.3	11.6	0.0	11.6	14.9	0.0	14.9	19.0	0.0	19.0	23.7	0.0	23.7
5 29 BANGKALAN	8.5	0.0	8.5	10.7	0.0	10.7	13.9	0.0	13.9	18.1	0.0	18.1	23.2	0.0	23.2
TOTAL	507.4	0.0	507.4	651.8	0.0	651.8	885.8	0.0	885.8	1196.4	0.0	1196.4	1609.8	0.0	1609.8

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)

* KABUPATEN (REGENCY) COVERS KOTAMADIA (MUNICIPALITY) OF THE SAME NAME

App. Table IIIE-43

SURPLUS AND DEFICIT OF AGRICULTURAL PRODUCTS BY KABUPATEN (1975-1995)

WEST JAVA

* COMMODITY SUGAR (GULA), RAW SUGAR

ICCCMT

KABUPATEN*	1975			1980			1985			1995					
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)			
1 0 D.K.I. JAKARTA	0.0	65.0	-65.0	0.0	91.9	-91.9	0.0	113.5	-113.5	0.0	138.5	-138.5	C.C	168.2	-168.2
2 1 PANDEGLANG	4.6	6.5	-2.3	5.4	8.3	-2.9	6.4	9.5	-3.4	7.5	11.7	-3.8	5.4	13.7	-4.2
2 2 SERANG	0.0	10.4	-10.4	0.0	12.4	-12.4	0.0	14.5	-14.9	0.0	17.6	-17.6	C.C	20.5	-20.5
2 3 LEBAK	8.4	6.7	1.7	9.7	7.9	1.8	11.7	9.5	2.2	14.4	11.2	3.1	17.1	13.1	4.0
2 4 BEKASI	C.C	10.0	-10.0	0.0	11.9	-11.9	0.0	14.2	-14.2	0.0	16.7	-16.7	C.C	15.5	-19.5
2 5 KRAJANG	0.0	12.3	-12.3	0.0	14.6	-14.6	0.0	17.5	-17.5	0.0	20.6	-20.6	C.C	24.0	-24.0
2 6 PURWAKARTA	3.8	4.5	-0.8	4.4	5.4	-1.1	5.3	6.6	-1.3	6.4	7.6	-1.4	7.7	9.3	-1.7
2 7 TANGERANG	0.0	12.9	-12.9	0.0	15.4	-15.4	0.0	18.4	-18.4	0.0	21.7	-21.7	C.C	25.4	-25.4
2 8 SUBANG	1.8	10.5	-9.0	2.1	12.9	-10.8	2.5	15.4	-12.9	3.1	18.2	-15.0	3.7	21.1	-17.4
2 9 BOGOR	0.3	22.7	-22.3	0.4	27.0	-26.7	0.4	32.6	-32.1	0.6	38.8	-38.2	C.C	45.6	-45.0
2 10 SUKABUMI	10.4	15.5	-5.5	12.0	19.0	-7.0	14.4	22.7	-8.3	17.7	26.5	-5.2	21.0	31.4	-10.4
2 11 CIANJUR	14.3	13.8	0.5	16.5	16.4	0.1	19.8	19.9	-0.1	24.3	23.7	0.6	28.9	28.1	0.8
2 12 BANJUNEGARA	5.0	35.0	-30.0	10.4	47.0	-36.6	12.4	59.2	-46.8	15.2	74.4	-59.2	18.2	93.2	-75.1
2 13 SUMEDANG	2.5	7.8	-4.9	3.4	9.3	-5.9	4.0	11.1	-7.0	5.0	13.0	-8.1	5.9	15.2	-9.3
2 14 GARUT	20.4	14.6	5.8	23.6	17.4	6.2	28.3	20.8	7.5	34.8	24.6	10.2	41.4	28.7	12.7
2 15 TASIKMALAYA	7.9	16.1	-8.2	9.1	19.2	-10.0	10.9	22.9	-12.0	13.4	27.1	-13.7	16.0	31.6	-15.6
2 16 CIAMIS	13.3	14.5	-1.6	15.4	17.7	-2.3	18.4	21.2	-2.7	22.6	25.0	-2.4	26.5	29.2	-2.3
2 17 CIKESON	0.0	14.9	-14.9	0.0	17.7	-17.7	0.0	21.5	-21.5	0.0	25.8	-25.8	C.C	30.7	-30.7
2 18 KUNINGAN	1.7	8.0	-6.3	2.0	9.5	-7.5	2.4	11.3	-8.9	2.9	13.3	-10.4	3.5	15.5	-12.0
2 19 INDRAMAYU	0.0	11.9	-11.9	0.0	14.1	-14.1	0.0	16.8	-16.8	0.0	19.7	-19.7	0.0	22.7	-22.7
2 20 MAJALENGKA	5.2	5.4	-0.2	10.6	11.2	-0.6	12.8	13.3	-0.5	15.6	15.5	C.C	18.6	17.9	0.7

WEST JAVA AND C.K.I.-JAKARTA 108.0 328.3 -220.3 125.0 406.2 -281.2 150.0 453.2 -343.2 184.0 552.5 -408.5 215.0 704.6 -485.6

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)

* KABUPATEN (REGENCY) COVERS KOTAMADIA (MUNICIPALITY) OF THE SAME NAME

SURPLUS AND DEFICIT OF AGRICULTURAL PRODUCTS IN KABUPATEN (1975-1989)

CENTRAL JAVA * COMMODITY SUGAR (GULA), RAW SUGAR 1000MT

KABUPATEN*	1975		1980		1985		1989		1995					
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)		
3 1 BANYUMAS	9.5	12.8	-2.9	11.5	15.3	-3.8	13.8	17.7	17.0	20.1	-3.1	20.2	22.5	-2.3
3 2 PURBALINGGA	0.0	7.2	-7.2	0.0	8.6	-8.6	0.0	9.5	0.0	11.3	-11.3	0.0	12.6	-12.6
3 3 CILACAP	0.0	14.5	-14.5	0.0	17.4	-17.4	0.0	20.1	0.0	22.5	-22.5	0.0	25.8	-25.8
3 4 BANJARNEGARA	0.0	7.2	-7.2	0.0	8.7	-8.7	0.0	10.0	0.0	11.4	-11.4	0.0	12.8	-12.8
3 5 MACELANG	0.0	11.6	-11.6	0.0	13.8	-13.8	0.0	16.1	0.0	18.5	-18.5	0.0	21.0	-21.0
3 6 TEHANGGUNG	0.0	5.8	-5.8	0.0	6.9	-6.9	0.0	8.0	0.0	9.2	-9.2	0.0	10.4	-10.4
3 7 WONOSOBO	0.0	6.3	-6.3	0.0	7.5	-7.5	0.0	8.7	0.0	9.5	-9.5	0.0	11.1	-11.1
3 8 PUKWOREJO	0.0	8.1	-8.1	0.0	9.7	-9.7	0.0	11.2	0.0	12.8	-12.8	0.0	14.3	-14.3
3 9 KEBUMEN	0.0	11.5	-11.5	0.0	13.7	-13.7	0.0	15.9	0.0	18.0	-18.0	0.0	20.3	-20.3
3 10 PEKALONGAN	15.3	8.0	11.4	22.5	9.5	12.9	27.0	11.2	15.8	33.1	12.5	20.2	35.4	14.8
3 11 PEMALANG	13.5	5.7	4.2	16.1	11.6	4.5	19.4	13.5	5.9	15.4	5.3	28.3	17.4	10.9
3 12 TEGAL	14.6	11.7	2.9	17.0	14.0	3.0	20.4	16.3	4.1	18.7	6.3	25.8	21.3	8.5
3 13 ERABES	44.1	12.7	31.5	51.3	15.2	36.1	61.6	17.5	44.0	20.0	55.5	69.9	22.4	67.5
3 14 BATANG	0.0	5.7	-5.7	0.0	6.8	-6.8	0.0	7.5	-7.9	0.0	5.0	0.0	10.1	-10.1
3 15 SEMARANG	0.0	16.8	-16.8	0.0	19.9	-19.9	0.0	24.2	-24.2	0.0	25.4	-25.4	0.0	35.6
3 16 KENCAL	17.1	8.1	9.0	19.9	9.6	10.2	23.9	11.1	12.8	29.2	12.6	34.8	14.2	20.7
3 17 DEMAK	0.0	7.3	-7.3	0.0	8.7	-8.7	0.0	10.1	-10.1	0.0	11.5	-11.5	0.0	12.9
3 18 GRABGANG	0.0	10.8	-10.8	0.0	12.8	-12.8	0.0	14.5	-14.9	0.0	16.5	-16.5	0.0	18.9
3 19 PATI	28.0	10.2	17.8	32.5	12.2	20.3	39.1	14.1	25.0	47.5	16.1	57.1	18.1	39.0
3 20 JEPARA	0.0	7.1	-7.1	0.0	8.5	-8.5	0.0	9.5	-9.9	0.0	11.3	-11.3	0.0	12.7
3 21 REBHANG	0.0	4.4	-4.4	0.0	5.2	-5.2	0.0	6.0	-6.0	0.0	6.5	-6.5	0.0	7.8
3 22 BLORA	0.0	7.6	-7.6	0.0	9.0	-9.0	0.0	10.5	-10.5	0.0	11.5	-11.5	0.0	13.5
3 23 KUCUS	15.1	5.5	9.7	17.6	6.5	11.0	21.1	7.6	13.5	25.5	8.7	30.8	9.9	20.9
3 24 KLATEN	25.3	11.8	17.5	34.0	14.1	19.9	40.8	16.3	24.5	50.0	31.5	55.6	20.8	38.8
3 25 BOYOLALI	0.0	8.6	-8.6	0.0	10.2	-10.2	0.0	11.8	-11.8	0.0	13.4	-13.4	0.0	15.1
3 26 SRAGEN	20.6	7.8	12.8	23.9	9.3	14.6	28.7	10.8	17.9	35.2	12.3	41.9	13.8	28.1
3 27 SUKOHARJO	0.0	11.0	-11.0	0.0	13.1	-13.1	0.0	15.8	-15.8	0.0	18.5	-18.5	0.0	22.6
3 28 KARANGANYAR	36.0	6.0	30.0	41.8	7.2	34.6	50.2	8.3	41.9	61.5	9.4	73.2	10.5	62.7
3 29 WONOGIRI	0.0	10.8	-10.8	0.0	12.9	-12.9	0.0	14.5	-14.9	0.0	17.0	-17.0	0.0	19.0
4 1 BANTUL	24.0	10.9	13.1	27.0	12.9	14.1	33.0	15.0	18.0	41.0	17.3	23.7	48.0	19.7
4 2 SLEMAN	0.0	7.2	-7.2	0.0	8.7	-8.7	0.0	10.0	-10.0	0.0	11.4	-11.4	0.0	12.9
4 3 GUNUNG KIDUL	0.0	7.6	-7.6	0.0	9.1	-9.1	0.0	10.6	-10.6	0.0	12.0	-12.0	0.0	13.6
4 4 KULCN PRGO	0.0	4.5	-4.5	0.0	5.5	-5.5	0.0	6.3	-6.3	0.0	7.2	-7.2	0.0	8.1
CENTRAL JAVA	272.0	256.6	-24.6	315.0	354.0	-39.0	379.0	412.1	-33.1	465.0	472.7	-7.7	553.0	16.6
AND D.I. YUGYAKARTA														

REMARKS
 (1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)
 * KABUPATEN (REGENCY) COVERS KOTAPADIA (MUNICIPALITY) OF THE SAME NAME
 KAE. SEMARANG COVERS KOTA. SALATIGA
 KAE. SUKUHARJO COVERS KUTA. SUKARAJA
 KAE. BANTUL COVERS KUTA. YUGYAKARTA

App. Table IIIE-45

SURPLUS AND DEFICIT OF AGRICULTURAL PRODUCTS BY KABUPATEN (1975-1995)

EAST JAVA

* COMMODITY SUGAR (GULA), RAW SUGAR

ICCCMT

	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
5 1 SUKABAYA	1.7	26.4	-24.7	2.0	33.1	-31.1	2.4	43.5	-41.4	3.0	58.2	-55.3	3.6	77.7	-74.1
5 2 SIDARJU	67.3	8.2	59.1	78.1	9.7	68.4	93.9	11.5	82.4	115.0	13.5	101.6	137.2	15.5	121.7
5 3 MOJOKERTO	26.2	7.9	18.3	30.4	9.4	21.0	36.6	11.2	25.4	44.8	12.2	31.7	52.5	15.3	38.2
5 4 JOMBANG	43.7	5.8	33.9	50.7	11.7	39.0	60.9	13.8	47.2	74.7	16.1	58.6	85.1	18.5	70.6
5 5 BOJONEGORO	0.0	10.4	-10.4	0.0	12.3	-12.3	0.0	14.6	-14.6	0.0	17.2	-17.2	0.0	19.9	-19.9
5 6 TUREAN	0.0	9.1	-9.1	0.0	10.8	-10.8	0.0	12.8	-12.8	0.0	14.9	-14.9	0.0	17.2	-17.2
5 7 LAHONGAN	0.5	11.0	-10.2	1.0	13.1	-12.0	1.2	15.4	-14.2	1.5	17.5	-16.4	1.8	20.4	-18.7
5 8 MADIUN	132.8	8.8	124.0	154.1	10.6	143.5	185.3	12.8	172.5	227.1	15.4	211.6	270.9	18.5	252.4
5 9 NGAWI	4.4	8.4	-4.0	5.1	9.9	-4.8	6.1	11.7	-5.6	7.5	13.7	-6.2	8.5	15.7	-6.8
5 10 MAGETAN	8.7	6.8	2.0	10.1	8.1	2.1	12.2	9.6	2.6	14.5	11.4	3.6	17.8	13.2	4.6
5 11 PONOROGO	22.7	8.5	13.9	26.4	10.5	15.8	31.7	12.5	19.2	38.8	14.6	24.2	46.3	16.9	29.4
5 12 PACITAN	0.0	5.9	-5.9	0.0	7.0	-7.0	0.0	8.4	-8.4	0.0	9.9	-9.9	0.0	11.5	-11.5
5 13 KEDIRI	132.0	15.4	116.6	153.1	18.4	134.7	184.1	22.2	161.9	225.6	26.6	195.0	265.1	31.6	237.4
5 14 NGANJUK	6.1	5.4	-3.3	7.1	11.1	-4.0	8.5	13.1	-4.6	10.5	15.3	-4.8	12.5	17.4	-4.9
5 15 BLITAR	38.5	12.3	26.2	44.6	14.6	30.0	53.6	17.3	36.4	65.7	20.2	45.5	78.4	23.4	55.0
5 16 TULUNGAGUNG	27.1	5.4	17.7	31.4	11.1	20.4	37.8	13.1	24.7	46.3	15.4	30.9	55.2	17.7	37.5
5 17 TRENGGALEK	0.5	6.4	-5.5	1.0	7.6	-6.6	1.2	9.0	-7.8	1.5	10.6	-9.1	1.8	12.3	-10.5
5 18 MALANG	104.0	20.7	77.3	120.7	31.9	88.7	145.1	38.7	106.3	177.8	46.7	131.1	212.1	55.8	156.2
5 19 PASUKUAN	23.6	11.5	12.1	27.4	13.7	13.7	32.9	16.2	16.7	40.3	15.1	21.3	48.1	22.1	26.0
5 20 PRABOLINGGO	45.4	10.3	35.2	52.7	12.2	40.5	63.4	14.6	48.8	77.7	17.2	40.5	52.7	20.0	72.6
5 21 LUMAJANG	52.4	9.7	42.8	60.8	11.5	49.4	73.1	13.7	59.5	89.6	16.1	73.5	106.5	18.8	88.2
5 22 BONDOWOSO	18.4	6.7	11.7	21.3	7.9	13.4	25.6	9.4	16.2	31.4	11.0	20.3	37.4	12.8	24.6
5 23 SITUBONDO	82.0	5.7	77.3	96.3	6.8	89.5	115.8	8.0	107.8	141.5	5.4	132.5	165.3	10.9	158.4
5 24 JEMBER	33.2	20.7	12.5	38.5	24.5	14.1	46.3	29.0	17.3	56.8	33.5	22.5	67.7	39.1	28.7
5 25 BANYUWANGI	0.5	16.0	-15.1	1.0	18.9	-17.9	1.2	22.4	-21.2	1.5	26.2	-24.7	1.8	30.1	-28.3
5 26 PALEMBANG	0.0	5.6	-5.6	0.0	6.7	-6.7	0.0	8.0	-8.0	0.0	9.4	-9.4	0.0	11.0	-11.0
5 27 SAMPANG	0.0	6.5	-6.5	0.0	7.8	-7.8	0.0	9.3	-9.3	0.0	10.9	-10.9	0.0	12.8	-12.8
5 28 SUMENEP	0.0	9.4	-9.4	0.0	11.1	-11.1	0.0	13.1	-13.1	0.0	15.3	-15.3	0.0	17.4	-17.4
5 29 EANGKALAN	0.0	7.6	-7.6	0.0	9.0	-9.0	0.0	10.7	-10.7	0.0	12.5	-12.5	0.0	14.4	-14.4
EAST JAVA	874.0	310.7	563.3	1014.0	370.9	643.1	1215.0	445.9	773.1	1454.0	531.6	562.2	1782.0	627.9	1154.1

App. Table IIIE-46

SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION BY KABUPATEN (1975-1995)

* WEST JAVA INCL. D.K.I. JAKARTA
* COMMODITY COPRA

1000MT

	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
1 0 D.K.I. JAKARTA	0.0	52.2	-52.2	0.0	67.8	-67.8	0.0	77.4	-77.4	0.0	88.1	-88.1	0.0	99.6	-99.6
2 1 PANDEGLANG	30.4	5.6	24.9	30.4	6.1	24.3	30.4	6.8	23.7	30.4	7.4	23.0	30.4	8.1	22.3
2 2 SERANG	27.5	8.4	19.1	27.5	9.2	18.3	27.5	10.1	17.3	27.5	11.1	16.3	27.5	12.2	15.3
2 3 LEBAK	9.2	5.4	3.9	9.2	5.9	3.4	9.2	6.5	2.7	9.2	7.1	2.1	9.2	7.8	1.5
2 4 BEKASI	1.1	8.0	-6.9	1.1	8.8	-7.7	1.1	9.7	-8.6	1.1	10.6	-9.5	1.1	11.5	-10.4
2 5 KRAWANG	1.8	9.9	-8.1	1.8	10.8	-9.0	1.8	11.9	-10.1	1.8	13.0	-11.3	1.8	14.2	-12.4
2 6 PURWAKARTA	1.2	3.7	-2.5	1.2	4.0	-2.8	1.2	4.5	-3.3	1.2	5.0	-3.8	1.2	5.5	-4.3
2 7 TANGERANG	4.9	10.4	-5.4	4.9	11.3	-6.4	4.9	12.5	-7.6	4.9	13.8	-8.8	4.9	15.0	-10.1
2 8 SUBANG	1.4	8.7	-7.3	1.4	9.5	-8.2	1.4	10.5	-9.1	1.4	11.5	-10.1	1.4	12.5	-11.1
2 9 BOGOR	3.0	18.2	-15.2	3.0	19.9	-17.0	3.0	22.2	-19.2	3.0	24.6	-21.6	3.0	27.0	-24.0
2 10 SUKABUMI	6.0	12.8	-6.8	6.0	14.0	-8.0	6.0	15.5	-9.5	6.0	17.0	-11.1	6.0	18.6	-12.6
2 11 CIANJUR	7.5	11.1	-3.5	7.5	12.1	-4.6	7.5	13.5	-6.0	7.5	15.0	-7.5	7.5	16.6	-9.1
2 12 BANDUNG	3.1	31.3	-28.2	3.1	34.6	-31.6	3.1	40.4	-37.3	3.1	47.2	-44.1	3.1	55.2	-52.1
2 13 SUMEDANG	2.1	6.3	-4.2	2.1	6.8	-4.8	2.1	7.6	-5.5	2.1	8.3	-6.2	2.1	9.0	-6.9
2 14 GARUT	1.9	11.7	-9.8	1.9	12.8	-10.9	1.9	14.2	-12.2	1.9	15.6	-13.6	1.9	17.0	-15.0
2 15 TASIKMALAYA	28.9	12.9	16.0	28.9	14.1	14.7	28.9	15.6	13.2	28.9	17.2	11.7	28.9	18.7	10.1
2 16 CIAMIS	82.8	11.9	70.8	82.8	13.1	59.7	82.8	14.5	68.3	82.8	15.9	66.9	82.8	17.3	65.5
2 17 CIREBON	1.6	11.9	-10.3	1.6	13.1	-11.5	1.6	14.7	-13.0	1.6	16.4	-14.7	1.6	18.2	-16.5
2 18 KUNINGAN	2.4	6.4	-4.0	2.4	7.0	-4.6	2.4	7.7	-5.3	2.4	8.5	-6.0	2.4	9.2	-6.7
2 19 INDRAMAYU	2.3	9.5	-7.2	2.3	10.4	-8.1	2.3	11.4	-9.1	2.3	12.5	-10.2	2.3	13.5	-11.2
2 20 MAJALENGKA	0.8	7.6	-6.7	0.8	8.2	-7.4	0.8	9.0	-8.2	0.8	9.8	-9.0	0.8	10.6	-9.8
TOTAL	220.0	263.8	-43.8	220.0	299.6	-79.6	220.0	336.2	-116.3	220.0	375.5	-155.5	220.0	417.2	-197.2

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)
* KABUPATEN (REGENCY) COVERS KOTAMADIA (MUNICIPALITY) OF THE SAME NAME

App. Table IIIE-47

SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION BY KABUPATEN (1975-1995)

* CENTRAL JAWA INCL. D.I. YOGYAKARTA

* COMMODITY CODERA

1000MT

KABUPATEN*	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
3 1 BANYUMAS	7.4	10.3	-2.9	7.4	11.3	-3.9	7.4	12.1	-4.7	7.4	12.7	-5.4	7.4	13.3	-5.9
3 2 PURBALINGGA	3.2	5.8	-2.6	3.2	6.3	-3.1	3.2	6.8	-3.6	3.2	7.1	-4.0	3.2	7.5	-4.3
3 3 CILACAP	7.5	11.7	-4.2	7.5	12.8	-5.3	7.5	13.7	-6.3	7.5	14.5	-7.1	7.5	15.3	-7.8
3 4 BANJARNEGARA	2.8	5.8	-3.0	2.8	6.4	-3.6	2.8	6.8	-4.1	2.8	7.2	-4.5	2.8	7.6	-4.8
3 5 MAGELANG	2.8	9.3	-6.5	2.8	10.2	-7.4	2.8	11.0	-8.2	2.8	11.7	-8.9	2.8	12.4	-9.7
3 6 TEMANGGUNG	1.0	4.6	-3.6	1.0	5.1	-4.0	1.0	5.5	-4.4	1.0	5.8	-4.8	1.0	6.2	-5.1
3 7 WONOSOBO	1.9	5.0	-3.2	1.9	5.5	-3.7	1.9	5.9	-4.1	1.9	6.3	-4.4	1.9	6.6	-4.7
3 8 PURWOREJO	9.0	6.5	2.6	9.0	7.1	1.9	9.0	7.6	1.4	9.0	8.1	1.0	9.0	8.5	0.5
3 9 KEBUMEN	14.3	9.2	5.1	14.3	10.1	4.3	14.3	10.8	3.5	14.3	11.4	2.9	14.3	12.0	2.3
3 10 PEKALONGAN	0.6	6.4	-5.8	0.6	7.0	-6.4	0.6	7.6	-7.0	0.6	8.2	-7.6	0.6	8.8	-8.2
3 11 PEMALANG	1.8	7.8	-6.0	1.8	8.6	-6.7	1.8	9.2	-7.4	1.8	9.8	-7.9	1.8	10.3	-8.5
3 12 TEGAL	1.2	9.4	-8.3	1.2	10.3	-9.2	1.2	11.1	-10.0	1.2	11.9	-10.7	1.2	12.6	-11.4
H 3 13 BREBES	2.9	10.2	-7.3	2.9	11.2	-8.3	2.9	12.0	-9.1	2.9	12.7	-9.8	2.9	13.3	-10.4
H 3 14 BATANG	1.4	4.6	-3.1	1.4	5.0	-3.6	1.4	5.4	-3.9	1.4	5.7	-4.3	1.4	6.0	-4.6
H 3 15 SEMARANG	2.2	13.5	-11.3	2.2	14.7	-12.5	2.2	16.5	-14.3	2.2	18.6	-16.4	2.2	21.1	-18.8
H 3 16 KENDAL	1.7	6.5	-4.8	1.7	7.1	-5.4	1.7	7.6	-5.8	1.7	8.0	-6.3	1.7	8.4	-6.6
3 17 DEMAK	1.8	5.8	-4.1	1.8	6.4	-4.7	1.8	6.9	-5.1	1.8	7.3	-5.5	1.8	7.6	-5.9
3 18 GRABUWAN	3.4	8.6	-5.2	3.4	9.5	-6.1	3.4	10.1	-6.7	3.4	10.7	-7.3	3.4	11.2	-7.8
3 19 PATI	2.4	8.2	-5.8	2.4	9.0	-6.6	2.4	9.6	-7.3	2.4	10.2	-7.8	2.4	10.7	-8.3
3 20 JEPARA	4.8	5.7	-0.9	4.8	6.3	-1.5	4.8	6.7	-1.9	4.8	7.1	-2.3	4.8	7.5	-2.7
3 21 REMBANG	4.2	3.5	0.7	4.2	3.8	0.4	4.2	4.1	0.1	4.2	4.4	-0.1	4.2	4.6	-0.4
3 22 BLORA	3.0	6.1	-3.1	3.0	6.7	-3.6	3.0	7.1	-4.1	3.0	7.6	-4.5	3.0	8.0	-4.9
3 23 KUDUS	1.6	4.4	-2.8	1.6	4.8	-3.2	1.6	5.2	-3.6	1.6	5.5	-3.9	1.6	5.8	-4.3
3 24 KLATEN	3.8	9.5	-5.7	3.8	10.4	-6.6	3.8	11.1	-7.4	3.8	11.7	-8.0	3.8	12.3	-8.6
3 25 BOYOLALI	2.3	6.9	-4.6	2.3	7.5	-5.3	2.3	8.1	-5.8	2.3	8.5	-6.3	2.3	8.9	-6.7
3 26 SRAGEN	2.2	6.2	-4.1	2.2	6.8	-4.7	2.2	7.3	-5.2	2.2	7.8	-5.6	2.2	8.2	-6.0
3 27 SUKOHARJO	2.3	8.9	-6.5	2.3	9.6	-7.3	2.3	10.8	-8.4	2.3	12.0	-9.6	2.3	13.4	-11.1
3 28 KARANGANYAR	1.4	4.8	-3.4	1.4	5.3	-3.8	1.4	5.7	-4.2	1.4	5.9	-4.5	1.4	6.2	-4.8
3 29 WONOGIRI	7.6	8.7	-1.0	7.6	9.5	-1.9	7.6	10.2	-2.5	7.6	10.8	-3.1	7.6	11.3	-3.6
4 1 BANTUL	2.8	8.8	-6.0	2.8	9.5	-6.8	2.8	10.2	-7.4	2.8	11.0	-8.2	2.8	11.6	-8.9
4 2 SLEMAN	0.0	5.8	-5.8	0.0	6.4	-6.4	0.0	6.8	-6.8	0.0	7.2	-7.2	0.0	7.6	-7.6
4 3 GUNUNG KIDUL	1.6	6.1	-4.5	1.6	6.7	-5.1	1.6	7.2	-5.6	1.6	7.6	-6.0	1.6	8.0	-6.4
4 4 KULON PROGO	7.1	3.7	3.4	7.1	4.0	3.0	7.1	4.3	2.8	7.1	4.5	2.5	7.1	4.8	2.3
TOTAL	114.0	238.3	-124.4	114.0	261.2	-147.2	114.0	281.0	-167.0	114.0	299.6	-185.6	114.0	317.6	-203.6

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)

KABUPATEN: KABUPATEN (KODER) KABUPATEN (KODER) KABUPATEN (KODER) KABUPATEN (KODER) KABUPATEN (KODER)

KAP-BANTUL COVERS KOTA-YOGYAKARTA

App. Table IIIE-48

SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION BY KABUPATEN (1975-1995)

1000MT

* EAST JAVA

* COMMODITY COPRA

KABUPATEN*	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
5 1 SURABAYA	1.1	21.2	-20.1	1.1	24.4	-23.3	1.1	29.9	-28.8	1.1	36.9	-35.8	1.1	46.0	-44.9
5 2 SIDHARJO	2.2	6.6	-4.4	2.2	7.2	-4.9	2.2	7.8	-5.6	2.2	8.5	-6.3	2.2	9.2	-6.9
5 3 MOJOKERTO	2.2	6.3	-4.2	2.2	6.9	-4.7	2.2	7.6	-5.4	2.2	8.3	-6.2	2.2	9.1	-6.9
5 4 JOMBANG	2.7	7.9	-5.2	2.7	8.6	-5.9	2.7	9.4	-6.7	2.7	10.2	-7.5	2.7	11.0	-8.2
5 5 BOJONEGARA	2.7	8.3	-5.6	2.7	9.1	-6.3	2.7	10.0	-7.2	2.7	10.9	-8.1	2.7	11.8	-9.0
5 6 TUBAN	2.4	7.3	-4.9	2.4	7.9	-5.5	2.4	8.7	-6.3	2.4	9.5	-7.1	2.4	10.2	-7.8
5 7 LAHONGAN	1.3	8.9	-7.6	1.3	9.6	-8.4	1.3	10.5	-9.2	1.3	11.3	-10.1	1.3	12.1	-10.8
5 8 MADIUN	1.7	7.1	-5.4	1.7	7.8	-6.1	1.7	8.7	-7.1	1.7	9.8	-8.1	1.7	10.9	-9.2
5 9 NGAWI	2.2	6.7	-4.5	2.2	7.3	-5.1	2.2	8.0	-5.7	2.2	8.7	-6.4	2.2	9.3	-7.0
5 10 MAGETAN	1.6	5.5	-3.8	1.6	6.0	-4.3	1.6	6.6	-5.0	1.6	7.2	-5.6	1.6	7.8	-6.2
5 11 PONOROGO	3.5	7.1	-3.6	3.5	7.8	-4.3	3.5	8.5	-5.0	3.5	9.3	-5.8	3.5	10.0	-6.5
5 12 PACITAN	9.0	4.7	4.2	9.0	5.2	3.8	9.0	5.7	3.3	9.0	6.3	2.7	9.0	6.8	2.1
5 13 KEDIRI	7.3	12.3	-5.0	7.3	13.6	-6.3	7.3	15.1	-7.8	7.3	16.9	-9.6	7.3	18.7	-11.4
5 14 NGANJUK	3.2	7.6	-4.3	3.2	8.2	-5.0	3.2	8.9	-5.7	3.2	9.7	-6.4	3.2	10.3	-7.1
5 15 BLITAR	5.0	9.9	-4.8	5.0	10.7	-5.7	5.0	11.8	-6.8	5.0	12.8	-7.8	5.0	13.8	-8.8
5 16 TULUNGAGUNG	4.2	7.5	-3.3	4.2	8.2	-3.9	4.2	8.9	-4.7	4.2	9.7	-5.5	4.2	10.5	-6.3
5 17 TRENGGALEK	6.5	5.1	1.3	6.5	5.6	0.9	6.5	6.1	0.3	6.5	6.7	-0.3	6.5	7.3	-0.8
5 18 MALANG	3.7	21.4	-17.7	3.7	23.6	-19.9	3.7	26.4	-22.7	3.7	29.6	-25.9	3.7	33.1	-29.4
5 19 PASURUAN	2.0	9.3	-7.2	2.0	10.1	-8.0	2.0	11.1	-9.0	2.0	12.1	-10.0	2.0	13.1	-11.0
5 20 PROBOLINGGO	2.4	8.3	-5.8	2.4	9.0	-6.6	2.4	9.9	-7.5	2.4	10.9	-8.5	2.4	11.9	-9.4
5 21 LUMAJANG	4.1	7.8	-3.6	4.1	8.5	-4.3	4.1	9.3	-5.2	4.1	10.2	-6.1	4.1	11.1	-7.0
5 22 BONDOWOSO	1.5	5.3	-3.8	1.5	5.8	-4.3	1.5	6.4	-4.9	1.5	7.0	-5.5	1.5	7.6	-6.0
5 23 SITUBONDO	1.5	4.6	-3.0	1.5	5.0	-3.5	1.5	5.5	-3.9	1.5	6.0	-4.4	1.5	6.5	-4.9
5 24 JEMBER	5.5	16.6	-11.1	5.5	18.1	-12.5	5.5	19.8	-14.2	5.5	21.5	-16.0	5.5	23.1	-17.6
5 25 BANYUWANGI	17.6	12.9	4.7	17.6	14.0	3.6	17.6	15.3	2.3	17.6	16.6	1.0	17.6	17.8	-0.2
5 26 PANDEKASAN	2.6	4.5	-1.9	2.6	4.9	-2.3	2.6	5.5	-2.8	2.6	6.0	-3.4	2.6	6.5	-3.9
5 27 SAMPANG	2.0	5.2	-3.2	2.0	5.7	-3.7	2.0	6.3	-4.3	2.0	6.9	-4.9	2.0	7.6	-5.5
5 28 SUMENEP	10.6	7.6	3.0	10.6	8.2	2.4	10.6	8.9	1.7	10.6	9.7	0.9	10.6	10.3	0.3
5 29 BANGKALAN	3.4	6.1	-2.7	3.4	6.7	-3.3	3.4	7.3	-3.9	3.4	7.9	-4.5	3.4	8.5	-5.1
TOTAL	116.0	249.7	-133.7	116.0	273.6	-157.6	116.0	304.0	-188.0	116.0	337.0	-221.1	116.0	371.8	-255.8

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)

* KABUPATEN (REGENCY) COVERS KOTAMADIA (MUNICIPALITY) OF THE SAME NAME

SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION BY KABUPATEN (1975-1995)

App. Table IIIE-49

* WEST JAVA INCL. D.K.I. JAKARTA
* COMMODITY OTHER CASH CROPS

1000MT

KABUPATEN*	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
1 0 D.K.I. JAKARTA	0.2	3.7	-3.5	0.2	4.7	-4.5	0.2	5.4	-5.2	0.2	6.2	-6.0	0.2	7.0	-6.8
2 1 PANDEGLANG	3.2	0.4	2.9	3.3	0.4	2.9	3.4	0.5	3.0	3.5	0.5	3.0	3.6	0.6	3.0
2 2 SERANG	0.7	0.6	0.1	0.7	0.6	0.1	0.7	0.7	0.0	0.8	0.8	-0.0	0.8	0.9	-0.1
2 3 LEBAK	10.4	0.4	10.0	10.7	0.4	10.3	11.0	0.5	10.6	11.3	0.5	10.8	11.5	0.5	10.9
2 4 BEKASI	0.9	0.6	0.4	0.9	0.6	0.3	1.0	0.7	0.3	1.0	0.7	0.3	1.0	0.8	0.2
2 5 KRAMANG	0.3	0.7	-0.4	0.3	0.8	-0.5	0.3	0.8	-0.5	0.3	0.9	-0.6	0.3	1.0	-0.7
2 6 PURWAKARTA	3.3	0.3	3.0	3.4	0.3	3.1	3.5	0.3	3.2	3.6	0.3	3.2	3.6	0.4	3.3
2 7 TANGERANG	1.8	0.7	1.1	1.9	0.8	1.1	1.9	0.9	1.0	1.9	1.0	1.0	2.0	1.1	0.9
2 8 SUBANG	10.6	0.6	10.0	10.9	0.7	10.3	11.3	0.7	10.5	11.5	0.8	10.7	11.7	0.9	10.9
2 9 BOGOR	12.0	1.3	10.7	12.4	1.4	11.0	12.7	1.6	11.2	13.0	1.7	11.3	13.3	1.9	11.4
2 10 SUKABUMI	20.2	0.9	19.3	20.8	1.0	19.8	21.4	1.1	20.3	21.8	1.2	20.6	22.3	1.3	21.0
2 11 CIANJUR	19.3	0.8	18.5	19.9	0.8	19.1	20.5	0.9	19.5	20.9	1.1	19.9	21.3	1.2	20.2
2 12 BANDUNG	15.4	2.2	13.3	15.9	2.4	13.5	16.4	2.8	13.5	16.7	3.3	13.4	17.1	3.9	13.2
2 13 SUMEDANG	1.3	0.4	0.9	1.3	0.5	0.9	1.4	0.5	0.8	1.4	0.6	0.8	1.4	0.6	0.8
2 14 GARUT	10.6	0.8	9.7	10.9	0.9	10.0	11.2	1.0	10.2	11.4	1.1	10.3	11.6	1.2	10.5
2 15 TASIKMALAYA	16.2	0.9	15.3	16.7	1.0	15.7	17.2	1.1	16.1	17.6	1.2	16.4	17.9	1.3	16.6
2 16 CIAMIS	4.8	0.8	4.0	4.9	0.9	4.0	5.1	1.0	4.1	5.2	1.1	4.1	5.3	1.2	4.1
2 17 CIKERON	0.0	0.8	-0.8	0.0	0.9	-0.9	0.0	1.0	-1.0	0.0	1.1	-1.1	0.0	1.3	-1.3
2 18 KUNINGAN	0.5	0.4	0.0	0.5	0.5	-0.0	0.5	0.5	-0.1	0.5	0.6	-0.1	0.5	0.6	-0.1
2 19 INDRAMAYU	0.0	0.7	-0.7	0.0	0.7	-0.7	0.0	0.8	-0.8	0.0	0.9	-0.9	0.0	0.9	-0.9
2 20 MAJALENGKA	0.3	0.5	-0.2	0.3	0.6	-0.3	0.3	0.6	-0.3	0.3	0.7	-0.4	0.3	0.7	-0.4
TOTAL	132.1	18.5	113.6	136.1	21.0	115.1	139.9	23.5	116.4	143.0	26.3	116.7	145.9	29.2	116.7

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)

* KABUPATEN (REGENCY) COVERS KOTAHADIA (MUNICIPALITY) OF THE SAME NAME

App. Table IIIE-50

SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION BY KABUPATEN (1975-1995)

1000MT

* CENTRAL JAWA INCL. D.I. YOGYAKARTA
* COMMODITY OTHER CASH CROPS

	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
3 1 BANYUMAS	0.5	0.7	-0.2	0.5	0.8	-0.3	0.5	0.8	-0.3	0.5	0.9	-0.4	0.5	0.9	-0.4
3 2 PURBALINGGA	0.4	0.4	0.0	0.4	0.4	0.0	0.5	0.5	0.0	0.5	0.5	-0.0	0.5	0.5	-0.1
3 3 CILACAP	1.1	0.8	0.3	1.1	0.9	0.2	1.1	1.0	0.2	1.2	1.0	0.2	1.2	1.1	0.1
3 4 BANJARNEGARA	0.7	0.4	0.3	0.7	0.4	0.3	0.8	0.5	0.3	0.8	0.5	0.3	0.8	0.5	0.2
3 5 MAGELANG	1.1	0.7	0.4	1.1	0.7	0.4	1.1	0.8	0.4	1.1	0.8	0.3	1.2	0.9	0.3
3 6 TEMANGUNG	2.5	0.3	2.2	2.6	0.4	2.2	2.6	0.4	2.2	2.7	0.4	2.3	2.7	0.4	2.3
3 7 WONOREJO	4.4	0.4	4.1	4.5	0.4	4.1	4.6	0.4	4.2	4.7	0.4	4.3	4.8	0.5	4.3
3 8 PURWOREJO	1.3	0.5	0.8	1.3	0.5	0.8	1.4	0.5	0.8	1.4	0.6	0.8	1.4	0.6	0.8
3 9 KEBUMEN	0.4	0.6	-0.3	0.4	0.7	-0.3	0.4	0.8	-0.4	0.4	0.8	-0.4	0.4	0.8	-0.4
3 10 PEKALONGAN	0.3	0.4	-0.1	0.3	0.5	-0.1	0.4	0.5	-0.2	0.4	0.6	-0.2	0.4	0.6	-0.2
3 11 PEMALANG	0.2	0.5	-0.4	0.2	0.6	-0.4	0.2	0.6	-0.5	0.2	0.7	-0.5	0.2	0.7	-0.6
3 12 TEGAL	1.6	0.7	1.0	1.6	0.7	0.9	1.7	0.8	0.9	1.7	0.8	0.9	1.8	0.9	0.9
3 13 BREBES	0.5	0.7	-0.2	0.5	0.8	-0.3	0.5	0.8	-0.3	0.5	0.9	-0.4	0.5	0.9	-0.4
3 14 BATANG	1.1	0.3	0.8	1.1	0.3	0.7	1.1	0.4	0.7	1.1	0.4	0.7	1.2	0.4	0.7
3 15 SEMARANG	1.2	0.9	0.3	1.3	1.0	0.2	1.3	1.2	0.1	1.3	1.3	0.0	1.3	1.5	-0.1
3 16 KENDAL	3.4	0.5	3.0	3.5	0.5	3.0	3.6	0.5	3.0	3.6	0.6	3.1	3.7	0.6	3.1
3 17 DEMAK	0.2	0.4	-0.2	0.2	0.4	-0.2	0.2	0.5	-0.2	0.2	0.5	-0.3	0.3	0.5	-0.3
3 18 GRABUHAN	1.3	0.6	0.7	1.3	0.7	0.7	1.4	0.7	0.7	1.4	0.7	0.7	1.4	0.8	0.7
3 19 PATI	4.4	0.6	3.9	4.5	0.6	3.9	4.6	0.7	3.9	4.7	0.7	4.0	4.8	0.7	4.0
3 20 JEPARA	2.3	0.4	1.9	2.3	0.4	1.9	2.4	0.5	1.9	2.4	0.5	1.9	2.4	0.5	1.9
3 21 REMBANG	1.2	0.2	1.0	1.2	0.3	1.0	1.3	0.3	1.0	1.3	0.3	1.0	1.3	0.3	1.0
3 22 BLORA	0.4	0.4	-0.0	0.4	0.5	-0.1	0.4	0.5	-0.1	0.4	0.5	-0.1	0.4	0.6	-0.1
3 23 KUDUS	0.3	0.3	0.0	0.3	0.3	0.0	0.3	0.4	-0.0	0.4	0.4	-0.0	0.4	0.4	-0.0
3 24 KLATEN	0.6	0.7	-0.1	0.6	0.7	-0.1	0.6	0.8	-0.2	0.6	0.8	-0.2	0.6	0.9	-0.3
3 25 BOYOLALI	1.0	0.5	0.5	1.0	0.5	0.5	1.0	0.6	0.4	1.0	0.6	0.4	1.0	0.6	0.4
3 26 SRAGEN	0.4	0.4	-0.0	0.4	0.5	-0.0	0.4	0.5	-0.1	0.5	0.5	-0.1	0.5	0.6	-0.1
3 27 SUKOHARJO	3.1	0.6	2.5	3.2	0.7	2.5	3.3	0.8	2.5	3.3	0.8	2.5	3.4	0.9	2.5
3 28 KARANGANYAR	0.7	0.3	0.4	0.8	0.4	0.4	0.8	0.4	0.4	0.8	0.4	0.4	0.8	0.4	0.4
3 29 WONOGIRI	0.8	0.6	0.2	0.8	0.7	0.2	0.8	0.7	0.1	0.9	0.8	0.1	0.9	0.8	0.1
4 1 BANTUL	0.1	0.6	-0.5	0.1	0.7	-0.5	0.1	0.7	-0.6	0.1	0.8	-0.6	0.1	0.8	-0.7
4 2 SLEMAN	0.3	0.4	-0.1	0.3	0.4	-0.1	0.3	0.5	-0.1	0.3	0.5	-0.2	0.4	0.5	-0.2
4 3 GUNUNG KIDUL	0.0	0.4	-0.4	0.0	0.5	-0.4	0.0	0.5	-0.5	0.0	0.5	-0.5	0.0	0.6	-0.5
4 4 KULON PROGO	0.0	0.3	-0.3	0.0	0.3	-0.3	0.0	0.3	-0.3	0.0	0.3	-0.3	0.0	0.3	-0.3
TOTAL	38.2	16.7	21.5	38.9	18.3	20.6	39.8	19.7	20.1	40.5	21.0	19.5	41.3	22.2	19.1

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)

* KABUPATEN (REGENCY) COVERS KOTAMADIA (MUNICIPALITY) OF THE SAME NAME

KAB. SEMARANG COVERS KOTA. SALATIGA KAB. SUKOHARJO COVERS KOTA. SURAKARTA KAB. BANTUL COVERS KOTA. YOGYAKARTA

App. Table III-51 SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION BY KABUPATEN (1975-1995)

* EAST JAVA
* COMMODITY OTHER CASH CROPS

1000MT

KABUPATEN*	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
5 1 SURABAYA	0.2	1.5	-1.3	0.2	1.7	-1.5	0.2	2.1	-1.9	0.2	2.6	-2.4	0.2	3.2	-3.0
5 2 SIDARJO	0.1	0.5	-0.4	0.1	0.5	-0.4	0.1	0.5	-0.5	0.1	0.6	-0.5	0.1	0.6	-0.5
5 3 MOJOKERTO	0.8	0.4	0.4	0.8	0.5	0.3	0.8	0.5	0.3	0.9	0.6	0.3	0.9	0.6	0.3
5 4 JOMBANG	2.6	0.6	2.1	2.7	0.6	2.1	2.8	0.7	2.1	2.8	0.7	2.1	2.9	0.8	2.1
5 5 BOJONEGRO	6.6	0.6	6.0	6.8	0.6	6.1	6.9	0.7	6.2	7.0	0.8	6.3	7.2	0.8	6.4
5 6 TUBAN	0.5	0.5	0.0	0.5	0.6	-0.0	0.5	0.6	-0.1	0.5	0.7	-0.1	0.6	0.7	-0.1
5 7 LAMONGAN	0.9	0.6	0.3	0.9	0.7	0.2	0.9	0.7	0.2	0.9	0.8	0.2	1.0	0.8	0.1
5 8 MADIUN	2.3	0.5	1.8	2.3	0.5	1.8	2.4	0.6	1.8	2.4	0.7	1.8	2.5	0.8	1.7
5 9 NGAWI	1.4	0.5	1.0	1.5	0.5	0.9	1.5	0.6	0.9	1.5	0.6	0.9	1.6	0.6	0.9
5 10 MAGETAN	0.6	0.4	0.2	0.6	0.4	0.2	0.7	0.5	0.2	0.7	0.5	0.2	0.7	0.5	0.1
5 11 PONOROGO	1.0	0.5	0.5	1.1	0.5	0.5	1.1	0.6	0.5	1.1	0.6	0.5	1.1	0.7	0.4
5 12 PACITAN	0.9	0.3	0.5	0.9	0.4	0.5	0.9	0.4	0.5	0.9	0.4	0.5	1.0	0.5	0.5
5 13 KEDIRI	1.6	0.9	0.7	1.6	0.9	0.7	1.7	1.1	0.6	1.7	1.2	0.5	1.7	1.3	0.4
5 14 NGANJUK	1.1	0.5	0.6	1.1	0.6	0.5	1.1	0.6	0.5	1.2	0.7	0.5	1.2	0.7	0.5
5 15 BLITAR	3.0	0.7	2.3	3.1	0.8	2.3	3.1	0.8	2.3	3.2	0.9	2.3	3.3	1.0	2.3
5 16 TULUNGAGUNG	0.5	0.5	-0.1	0.5	0.6	-0.1	0.5	0.6	-0.1	0.5	0.7	-0.2	0.5	0.7	-0.2
5 17 TRENGGALEK	0.2	0.4	-0.1	0.2	0.4	-0.2	0.2	0.4	-0.2	0.2	0.5	-0.2	0.2	0.5	-0.3
5 18 MALANG	1.8	1.5	0.3	1.8	1.6	0.2	1.9	1.8	0.0	1.9	2.1	-0.2	2.0	2.3	-0.4
5 19 PASURUJAY	1.9	0.6	1.3	2.0	0.7	1.3	2.0	0.8	1.3	2.1	0.8	1.2	2.1	0.9	1.2
5 20 PROBOLINGGO	0.7	0.6	0.1	0.7	0.6	0.1	0.8	0.7	0.1	0.8	0.8	-0.0	0.8	0.8	-0.0
5 21 LUMAJANG	1.9	0.5	1.3	1.9	0.6	1.3	2.0	0.7	1.3	2.0	0.7	1.3	2.1	0.8	1.3
5 22 BONDOWOSO	2.9	0.4	2.5	2.9	0.4	2.5	3.0	0.4	2.6	3.1	0.5	2.6	3.1	0.5	2.6
5 23 SITUBONDO	0.8	0.3	0.5	0.8	0.4	0.5	0.8	0.4	0.4	0.8	0.4	0.4	0.9	0.5	0.4
5 24 JEMBER	9.2	1.2	8.1	9.5	1.3	8.2	9.7	1.4	8.3	9.9	1.5	8.4	10.1	1.6	8.5
5 25 BANYUWANGI	3.6	0.9	2.7	3.7	1.0	2.7	3.8	1.1	2.7	3.9	1.2	2.7	4.0	1.2	2.7
5 26 PAHEKASAN	1.9	0.3	1.6	2.0	0.3	1.6	2.0	0.4	1.6	2.1	0.4	1.7	2.1	0.5	1.7
5 27 SAMPANG	1.4	0.4	1.1	1.5	0.4	1.1	1.5	0.4	1.1	1.5	0.5	1.1	1.6	0.5	1.1
5 28 SUKSES	1.8	0.5	1.2	1.8	0.6	1.2	1.8	0.6	1.2	1.9	0.7	1.2	1.9	0.7	1.2
5 29 BANGKALAN	1.4	0.4	0.9	1.4	0.5	0.9	1.4	0.5	0.9	1.5	0.6	0.9	1.5	0.6	0.9
TOTAL	53.7	17.5	36.2	55.0	19.2	35.8	56.3	21.3	35.0	57.5	23.6	33.9	58.8	26.0	32.8

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)

* KABUPATEN (REGENCY) COVERS KOTAMADIA (MUNICIPALITY) OF THE SAME NAME

App. Table IIIE-52

SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION BY KABUPATEN (1975-1995)

1000MT

* WEST JAVA INCL. D.K.I., JAKARTA
* COMMODITY FOREST PRODUCTS

KABUPATEN*	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
1 0 D.K.I. JAKARTA	0.0	69.0	-69.0	0.0	101.7	-101.7	0.0	140.1	-140.1	0.0	191.8	-191.8	0.0	246.8	-246.8
2 1 PANDEGLANG	2.4	10.7	-8.3	2.4	13.4	-11.1	2.4	17.9	-15.6	2.4	23.4	-21.1	2.4	29.0	-26.6
2 2 SERANG	0.0	16.1	-16.1	0.0	20.1	-20.1	0.0	26.9	-26.9	0.0	35.2	-35.2	0.0	43.5	-43.5
2 3 LEBAK	3.1	10.3	-7.2	3.1	12.9	-9.8	3.1	17.2	-14.2	3.1	22.5	-19.5	3.1	27.8	-24.7
2 4 BEKASI	0.0	15.5	-15.5	0.0	19.4	-19.4	0.0	25.9	-25.9	0.0	33.8	-33.8	0.0	41.6	-41.6
2 5 KRAWANG	0.0	19.0	-19.0	0.0	23.8	-23.8	0.0	31.7	-31.7	0.0	41.4	-41.4	0.0	51.1	-51.1
2 6 PUKAWARTA	2.8	6.9	-4.0	2.8	8.6	-5.8	2.8	11.6	-8.7	2.8	15.2	-12.4	2.8	19.1	-16.3
2 7 TANGERANG	0.0	19.9	-19.9	0.0	24.9	-24.9	0.0	33.3	-33.3	0.0	43.5	-43.5	0.0	53.8	-53.8
2 8 SUBANG	0.0	16.9	-16.9	0.0	21.2	-21.2	0.0	28.2	-28.2	0.0	36.8	-36.8	0.0	45.3	-45.3
2 9 BOGOR	2.5	34.5	-32.0	2.5	43.3	-40.8	2.5	58.1	-55.6	2.5	76.3	-73.8	2.5	94.9	-92.4
2 10 SUKABUMI	7.1	24.5	-17.4	7.1	30.7	-23.6	7.1	41.1	-33.9	7.1	53.7	-46.6	7.1	66.4	-59.3
2 11 CIANJUR	3.8	20.8	-17.0	3.8	26.1	-22.3	3.8	35.1	-31.3	3.8	46.3	-42.5	3.8	57.8	-54.0
2 12 BANDUNG	19.9	53.3	-33.4	19.9	67.2	-47.3	19.9	93.5	-73.6	19.9	128.7	-108.8	19.9	168.6	-148.7
2 13 SUMEDANG	3.4	12.1	-8.7	3.4	15.1	-11.8	3.4	20.2	-16.8	3.4	26.3	-23.0	3.4	32.4	-29.1
2 14 GARUT	11.0	22.5	-11.6	11.0	28.2	-17.3	11.0	37.7	-26.7	11.0	49.3	-38.3	11.0	60.9	-49.9
2 15 TASIKMALAYA	1.9	24.8	-22.8	1.9	31.1	-29.1	1.9	41.5	-39.6	1.9	54.3	-52.3	1.9	67.0	-65.1
2 16 CIAMIS	8.6	22.9	-14.3	8.6	28.7	-20.1	8.6	38.4	-29.7	8.6	50.2	-41.5	8.6	62.0	-53.3
2 17 CIJERON	0.0	22.3	-22.3	0.0	28.0	-28.0	0.0	37.7	-37.7	0.0	49.9	-49.9	0.0	62.5	-62.5
2 18 KUNINGAN	0.5	12.4	-11.9	0.5	15.5	-15.0	0.5	20.7	-20.2	0.5	27.0	-26.5	0.5	33.2	-32.7
2 19 INDRAMAYU	1.1	18.6	-17.5	1.1	23.2	-22.1	1.1	30.9	-29.8	1.1	40.1	-39.0	1.1	49.2	-48.1
2 20 MAJALENGKA	0.4	14.7	-14.3	0.4	18.5	-18.0	0.4	24.5	-24.1	0.4	31.8	-31.4	0.4	38.9	-38.5
TOTAL	68.5	467.8	-399.3	68.5	601.7	-533.2	68.5	812.2	-743.7	68.5	1077.5	-1009.0	68.5	1351.5	-1283.0

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)

* KABUPATEN (REGENCY) COVERS KOTAMADIA (MUNICIPALITY) OF THE SAME NAME

App. Table IIIB-53 SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION BY KABUPATEN (1975-1995)

* CENTRAL JAWA INCL. D.I. YOGYAKARTA
 * COMMODITY FOREST PRODUCTS

KABUPATEN*	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
3 1 BANYUMAS	12.7	20.2	-7.5	12.7	25.3	-12.7	12.7	32.8	-20.1	12.7	41.3	-28.6	12.7	49.1	-36.5
3 2 PURBALINGGA	0.0	11.2	-11.2	0.0	14.1	-14.1	0.0	18.2	-18.2	0.0	23.0	-23.0	0.0	27.4	-27.4
3 3 CILACAP	1.8	22.6	-20.9	1.8	28.4	-26.7	1.8	36.8	-35.1	1.8	46.5	-44.8	1.8	55.6	-53.8
3 4 BANJARNEGARA	1.5	11.3	-9.7	1.5	14.2	-12.6	1.5	18.4	-16.8	1.5	23.2	-21.7	1.5	27.7	-26.1
3 5 MAGELANG	1.4	17.6	-16.2	1.4	22.1	-20.7	1.4	28.7	-27.3	1.4	36.5	-35.1	1.4	44.0	-42.5
3 6 TEMANGGUNG	0.0	8.9	-8.9	0.0	11.1	-11.1	0.0	14.5	-14.5	0.0	18.3	-18.3	0.0	22.0	-22.0
3 7 WONOSOBO	2.6	9.7	-7.2	2.6	12.2	-9.7	2.6	15.9	-13.3	2.6	20.1	-17.5	2.6	23.9	-21.4
3 8 PURWOREJO	0.8	12.5	-11.8	0.8	15.8	-15.0	0.8	20.4	-19.7	0.8	25.8	-25.1	0.8	30.8	-30.1
3 9 KEBUMEN	1.6	17.8	-16.2	1.6	22.4	-20.8	1.6	29.1	-27.4	1.6	36.7	-35.1	1.6	43.8	-42.2
3 10 PEKALONGAN	2.8	11.9	-9.2	2.8	15.0	-12.2	2.8	19.6	-16.8	2.8	25.0	-22.2	2.8	30.3	-27.5
3 11 PEMALANG	5.6	15.0	-9.4	5.6	18.9	-13.2	5.6	24.5	-18.8	5.6	31.0	-25.4	5.6	37.2	-31.5
3 12 TEGAL	2.0	17.9	-15.9	2.0	22.5	-20.5	2.0	29.2	-27.3	2.0	37.2	-35.2	2.0	44.7	-42.7
3 13 BREBES	0.0	19.8	-19.8	0.0	24.9	-24.9	0.0	32.2	-32.2	0.0	40.6	-40.6	0.0	48.5	-48.5
3 14 BAITANG	0.0	8.7	-8.7	0.0	11.0	-11.0	0.0	14.2	-14.2	0.0	18.0	-18.0	0.0	21.6	-21.6
3 15 SEMARANG	6.8	21.6	-14.8	6.8	26.8	-20.0	6.8	36.1	-29.3	6.8	48.2	-41.4	6.8	61.4	-54.6
3 16 KENDAL	22.5	12.6	9.9	22.5	15.9	6.7	22.5	20.5	2.0	22.5	25.9	-3.4	22.5	30.8	-8.3
3 17 DEMAK	0.0	11.3	-11.3	0.0	14.2	-14.2	0.0	18.4	-18.4	0.0	23.3	-23.3	0.0	27.8	-27.8
3 18 GRABEGAN	35.9	16.8	19.1	35.9	21.2	14.7	35.9	27.4	8.5	35.9	34.6	1.3	35.9	41.2	-5.3
3 19 PATI	25.8	15.9	9.8	25.8	20.0	5.8	25.8	25.9	-0.1	25.8	32.7	-7.0	25.8	39.0	-13.3
3 20 JEPARA	8.3	11.0	-2.7	8.3	13.8	-5.6	8.3	18.0	-9.7	8.3	22.7	-14.5	8.3	27.2	-18.9
3 21 REMBANG	47.9	6.7	41.2	47.9	8.5	39.5	47.9	11.0	37.0	47.9	13.9	34.1	47.9	16.6	31.3
3 22 BLORA	173.5	11.7	161.7	173.5	14.8	158.7	173.5	19.1	154.3	173.5	24.2	149.3	173.5	28.9	144.6
3 23 KUDUS	3.6	8.4	-4.8	3.6	10.6	-7.0	3.6	13.7	-10.1	3.6	17.4	-13.8	3.6	20.9	-17.3
3 24 Klaten	0.0	18.4	-18.4	0.0	23.2	-23.2	0.0	30.0	-30.0	0.0	37.9	-37.9	0.0	45.1	-45.1
3 25 BOYOLALI	0.7	13.4	-12.7	0.7	16.9	-16.1	0.7	21.8	-21.1	0.7	27.5	-26.8	0.7	32.8	-32.1
3 26 SRAGEN	0.0	12.1	-12.1	0.0	15.2	-15.2	0.0	19.7	-19.7	0.0	24.9	-24.9	0.0	29.7	-29.7
3 27 SUKOHARJO	0.0	14.7	-14.7	0.0	18.3	-18.3	0.0	24.4	-24.4	0.0	32.2	-32.2	0.0	40.6	-40.6
3 28 KARANGANYAR	0.0	9.5	-9.5	0.0	11.9	-11.9	0.0	15.4	-15.4	0.0	19.4	-19.4	0.0	23.0	-23.0
3 29 WONOGIRI	0.0	16.9	-16.9	0.0	21.3	-21.3	0.0	27.5	-27.5	0.0	34.8	-34.8	0.0	41.4	-41.4
4 1 BANTUL	0.0	15.0	-15.0	0.0	18.7	-18.7	0.0	24.2	-24.2	0.0	31.0	-31.0	0.0	37.4	-37.4
4 2 SLEMAN	0.0	11.4	-11.4	0.0	14.4	-14.4	0.0	18.7	-18.7	0.0	23.6	-23.6	0.0	28.4	-28.4
4 3 GUNUNG KIDUL	0.0	11.9	-11.9	0.0	15.0	-15.0	0.0	19.5	-19.5	0.0	24.6	-24.6	0.0	29.6	-29.6
4 4 KULON PROGG	0.0	7.1	-7.1	0.0	9.0	-9.0	0.0	11.7	-11.7	0.0	14.7	-14.7	0.0	17.7	-17.7
TOTAL	357.7	451.6	-93.9	357.7	567.5	-209.8	357.7	737.6	-379.9	357.7	936.8	-579.1	357.7	1126.0	-768.3

REMARKS
 (1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)
 * SURPLUS AND DEFICIT ARE IN MILLION METRIC TONS OF THE SAME NAME

100MT

* EAST JAWA
* COMMODITY FOREST PRODUCTS

KABUPATEN*	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
5 1 SURABAYA	0.0	31.6	-31.6	0.0	41.2	-41.2	0.0	60.2	-60.2	0.0	88.0	-88.0	0.0	123.1	-123.1
5 2 SIDOARJO	0.0	12.7	-12.7	0.0	15.8	-15.8	0.0	20.9	-20.9	0.0	27.0	-27.0	0.0	32.9	-32.9
5 3 MOJOKERTO	18.0	12.1	5.9	18.0	15.1	2.9	18.0	20.0	-2.0	18.0	26.0	-8.0	18.0	32.0	-13.9
5 4 JOMBANG	26.2	15.3	10.9	26.2	19.0	7.1	26.2	25.1	1.1	26.2	32.4	-6.3	26.2	39.5	-13.3
5 5 BOJONEGARA	125.1	16.0	109.1	125.1	19.9	105.2	125.1	26.4	98.7	125.1	34.2	90.9	125.1	41.8	83.2
5 6 TUBAN	46.5	14.1	32.5	46.5	17.5	29.0	46.5	23.1	23.4	46.5	29.9	16.6	46.5	36.5	10.0
5 7 LAMONGAN	0.0	17.2	-17.2	0.0	21.4	-21.4	0.0	28.2	-28.2	0.0	36.3	-36.3	0.0	44.1	-44.1
5 8 MADIUN	85.5	13.1	72.3	85.5	16.4	69.0	85.5	22.1	63.4	85.5	29.2	56.3	85.5	36.6	48.9
5 9 NGAWI	114.5	13.0	101.4	114.5	16.2	98.2	114.5	21.4	93.1	114.5	27.6	86.9	114.5	33.5	80.9
5 10 MAGETAN	0.0	10.4	-10.4	0.0	13.0	-13.0	0.0	17.2	-17.2	0.0	22.4	-22.4	0.0	27.5	-27.5
5 11 PONOROGO	0.0	13.7	-13.7	0.0	17.0	-17.0	0.0	22.5	-22.5	0.0	29.3	-29.3	0.0	35.7	-35.7
5 12 PACLIAN	0.0	9.0	-9.0	0.0	11.2	-11.2	0.0	14.9	-14.9	0.0	19.5	-19.5	0.0	23.9	-23.9
5 13 KEDIRI	12.8	22.9	-10.1	12.8	28.7	-15.9	12.8	38.5	-25.7	12.8	50.8	-38.0	12.8	63.3	-50.5
5 14 NGANJUK	13.9	14.7	-0.7	13.9	18.2	-4.3	13.9	24.0	-10.1	13.9	31.0	-17.0	13.9	37.5	-23.6
5 15 BLITAR	12.8	19.0	-6.2	12.8	23.6	-10.8	12.8	31.2	-18.4	12.8	40.5	-27.7	12.8	49.4	-36.6
5 16 TULUNGAGUNG	0.0	14.5	-14.5	0.0	18.0	-18.0	0.0	23.8	-23.8	0.0	30.8	-30.8	0.0	37.6	-37.6
5 17 TRENGGALEX	0.0	9.8	-9.8	0.0	12.2	-12.2	0.0	16.2	-16.2	0.0	21.1	-21.1	0.0	25.8	-25.8
5 18 MALANG	11.5	39.5	-27.9	11.5	49.5	-37.9	11.5	66.5	-55.0	11.5	88.1	-76.5	11.5	110.4	-98.9
5 19 PASURUAN	0.0	17.7	-17.7	0.0	22.1	-22.1	0.0	29.3	-29.3	0.0	38.0	-38.0	0.0	46.5	-46.5
5 20 PROBOLINGGO	9.3	15.8	-6.5	9.3	19.7	-10.4	9.3	26.1	-16.8	9.3	33.9	-24.6	9.3	41.7	-32.4
5 21 LUMAJANG	0.0	14.8	-14.8	0.0	18.5	-18.5	0.0	24.5	-24.5	0.0	31.9	-31.9	0.0	39.1	-39.1
5 22 BONDOWOSO	14.6	10.2	4.3	14.6	12.8	1.8	14.6	16.9	-2.3	14.6	21.9	-7.4	14.6	26.8	-12.3
5 23 SITUBONDO	0.0	8.8	-8.8	0.0	11.0	-11.0	0.0	14.5	-14.5	0.0	18.8	-18.8	0.0	23.0	-23.0
5 24 JEMBER	44.2	32.0	12.2	44.2	39.8	4.4	44.2	52.6	-8.4	44.2	68.1	-23.9	44.2	83.0	-38.8
5 25 BANYUWANGI	46.5	24.8	21.7	46.5	30.9	15.6	46.5	40.8	5.7	46.5	52.7	-6.2	46.5	64.1	-17.6
5 26 PANDEKASAN	0.0	8.6	-8.6	0.0	10.7	-10.7	0.0	14.3	-14.3	0.0	18.5	-18.5	0.0	22.8	-22.8
5 27 SAMPANG	0.0	10.0	-10.0	0.0	12.4	-12.4	0.0	16.5	-16.5	0.0	21.5	-21.5	0.0	26.5	-26.5
5 28 SUMEYEP	0.0	14.7	-14.7	0.0	18.2	-18.2	0.0	24.0	-24.0	0.0	31.0	-31.0	0.0	37.5	-37.5
5 29 BANGKALAN	0.0	11.8	-11.8	0.0	14.7	-14.7	0.0	19.4	-19.4	0.0	25.1	-25.1	0.0	30.6	-30.6
TOTAL	581.3	467.7	113.6	581.3	585.0	-3.6	581.3	781.1	-199.7	581.3	1025.7	-444.3	581.3	1272.8	-691.5

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)

* KABUPATEN (REGENCY) COVERS KOTAHARJO (MUNICIPALITY) OF THE SAME NAME

App. Table IIIE-55 SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION BY KABUPATEN (1975-1995)

* WEST JAVA INCL. D.K.I. JAKARTA
* COMMODITY FISHERY 1000MT

	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
1 0 D.K.I. JAKARTA	10.9	23.2	-12.3	13.9	32.4	-18.5	17.8	39.6	-21.8	22.7	48.9	-26.2	29.0	59.8	-30.8
2 1 PANDEGLANG	6.5	2.5	4.1	8.4	2.9	5.4	10.7	3.4	7.2	13.6	4.1	9.5	17.4	4.9	12.5
2 2 SERANG	7.7	3.7	4.0	9.9	4.4	5.5	12.6	5.2	7.4	16.1	6.2	9.9	20.5	7.3	13.2
2 3 LEBAK	1.1	2.4	-1.3	1.3	2.8	-1.4	1.7	3.3	-1.6	2.2	4.0	-1.8	2.8	4.7	-1.9
2 4 BEKASI	2.1	3.6	-1.5	2.6	4.2	-1.6	3.4	5.0	-1.6	4.3	5.9	-1.6	5.5	6.9	-1.4
2 5 KRAMAT	6.2	4.4	1.8	7.9	5.1	2.7	10.1	6.1	4.0	12.9	7.3	5.6	16.4	8.5	7.9
2 6 PURWAKARTA	1.0	1.6	-0.6	1.3	1.9	-0.7	1.6	2.3	-0.7	2.0	2.8	-0.7	2.6	3.3	-0.7
2 7 TANGERANG	11.1	4.6	6.5	14.1	5.4	8.7	18.0	6.4	11.6	23.0	7.6	15.4	29.4	9.0	20.4
2 8 SUBANG	7.4	3.9	3.5	9.5	4.6	4.9	12.1	5.4	6.7	15.4	6.4	9.0	19.7	7.5	12.2
2 9 BOGOR	0.0	8.1	-8.1	0.0	9.5	-9.5	0.0	11.3	-11.3	0.0	13.6	-13.6	0.0	16.2	-16.2
2 10 SUKABUMI	10.1	5.7	4.4	12.9	6.7	6.2	16.5	7.9	8.6	21.1	9.5	11.6	26.9	11.2	15.7
2 11 CIANJUR	3.0	4.9	-1.9	3.9	5.8	-1.9	4.9	6.9	-2.0	6.3	8.4	-2.1	8.0	10.0	-2.0
2 12 BANDUNG	4.1	13.9	-9.8	5.2	16.6	-11.4	6.6	20.7	-14.0	8.5	26.2	-17.7	10.8	33.1	-22.3
2 13 SUMEDANG	1.3	2.8	-1.5	1.7	3.3	-1.6	2.2	3.9	-1.7	2.8	4.6	-1.8	3.5	5.4	-1.8
2 14 GARUT	5.2	5.2	0.0	6.7	6.1	0.5	8.5	7.3	1.3	10.9	8.7	2.2	13.9	10.2	3.7
2 15 TASIKMALAYA	8.6	5.7	2.9	11.0	6.8	4.2	14.0	8.0	6.0	17.8	9.5	8.3	22.8	11.2	11.6
2 16 CIAMIS	10.9	5.3	5.6	13.9	6.2	7.7	17.8	7.4	10.4	22.7	8.8	13.9	29.0	10.4	18.6
2 17 CIREBON	12.9	5.3	7.6	16.4	6.3	10.2	21.0	7.5	13.5	26.8	9.1	17.7	34.2	10.9	23.3
2 18 KUNINGAN	1.5	2.9	-1.4	1.9	3.3	-1.5	2.4	4.0	-1.6	3.0	4.7	-1.7	3.9	5.5	-1.6
2 19 INDRAMAYU	16.9	4.2	12.7	21.6	5.0	16.6	27.6	5.8	21.7	35.2	6.9	28.3	44.9	8.1	36.8
2 20 MAJALENGKA	0.7	3.4	-2.6	0.9	3.9	-3.0	1.2	4.6	-3.5	1.5	5.5	-4.0	1.9	6.4	-4.5
TOTAL	129.3	117.2	12.0	164.9	143.2	21.8	210.5	171.9	38.7	268.7	208.6	60.1	342.9	250.3	92.6

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)

* KABUPATEN (REGENCY) COVERS KOTAHADIA (MUNICIPALITY) OF THE SAME NAME

SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION BY KABUPATEN
 * CENTRAL JAWA INCL. D.I. YOGYAKARTA
 * COMMODITY FISHERY

1000MT

	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
3 1 BANYUMAS	0.5	4.6	-4.1	0.6	5.4	-4.8	0.8	6.2	-5.4	1.0	7.1	-6.1	1.3	8.0	-6.7
3 2 PURBALINGGA	0.2	2.6	-2.4	0.2	3.0	-2.8	0.3	3.4	-3.2	0.4	4.0	-3.6	0.5	4.5	-4.0
3 3 CILACAP	4.8	5.2	-0.3	6.2	6.1	0.1	7.9	7.0	0.9	10.1	8.1	2.0	12.9	9.2	3.7
3 4 BANJARNEGARA	0.3	2.6	-2.3	0.4	3.1	-2.7	0.5	3.5	-3.0	0.6	4.0	-3.4	0.8	4.6	-3.8
3 5 MAGELANG	0.3	4.1	-3.8	0.4	4.9	-4.5	0.5	5.6	-5.1	0.6	6.5	-5.9	0.8	7.5	-6.7
3 6 TEMANGGUNG	0.3	2.1	-1.8	0.4	2.4	-2.1	0.5	2.8	-2.3	0.6	3.2	-2.6	0.8	3.7	-2.9
3 7 WONOSOBO	0.6	2.2	-1.6	0.8	2.6	-1.9	0.9	3.0	-2.1	1.2	3.5	-2.3	1.5	3.9	-2.4
3 8 PURWOREJO	0.3	2.9	-2.6	0.3	3.4	-3.1	0.4	3.9	-3.5	0.5	4.5	-3.9	0.7	5.1	-4.4
3 9 KEBUMEN	0.5	4.1	-3.6	0.6	4.8	-4.2	0.8	5.5	-4.8	1.0	6.4	-5.4	1.3	7.2	-6.0
3 10 PEKALONGAN	5.7	2.9	2.8	7.3	3.4	3.9	9.3	3.9	5.4	11.8	4.5	7.3	15.1	5.3	9.8
3 11 PEMALANG	4.0	3.5	0.5	5.0	4.1	1.0	6.4	4.7	1.8	8.2	5.4	2.8	10.5	6.2	4.3
3 12 LEGAL	3.4	4.2	-0.8	4.4	4.9	-0.6	5.6	5.7	-0.1	7.1	6.6	0.5	9.1	7.6	1.5
3 13 BREBES	1.8	4.5	-2.7	2.3	5.3	-3.0	3.0	6.1	-3.1	3.8	7.0	-3.2	4.9	8.0	-3.1
3 14 BAYANG	2.9	2.0	0.9	3.8	2.4	1.4	4.8	2.7	2.1	6.1	3.2	3.0	7.8	3.6	4.2
3 15 SEMARANG	5.0	6.0	-1.0	6.4	7.0	-0.7	8.1	8.5	-0.3	10.4	10.3	0.0	13.2	12.6	0.6
3 16 KENDAL	2.8	2.9	-0.1	3.6	3.4	0.2	4.6	3.9	0.7	5.8	4.4	1.4	7.4	5.0	2.4
3 17 DEMAK	2.8	2.6	0.2	3.6	3.1	0.5	4.6	3.5	1.1	5.9	4.0	1.8	7.5	4.6	2.9
3 18 GRABYAN	0.2	3.8	-3.7	0.2	4.5	-4.3	0.3	5.2	-4.9	0.4	5.9	-5.6	0.4	6.7	-6.3
3 19 PATI	3.1	3.6	-0.5	4.0	4.3	-0.3	5.1	4.9	0.2	6.5	5.7	0.9	8.3	6.4	1.9
3 20 JEPARA	4.8	2.5	2.3	6.2	3.0	3.2	7.9	3.4	4.5	10.1	4.0	6.1	12.9	4.5	8.4
3 21 REMBANG	5.5	1.6	4.0	7.1	1.8	5.2	9.0	2.1	6.9	11.5	2.4	9.1	14.7	2.8	11.9
3 22 BLORA	0.0	2.7	-2.7	0.1	3.2	-3.1	0.1	3.7	-3.6	0.1	4.2	-4.1	0.1	4.8	-4.6
3 23 KUDUS	0.4	2.0	-1.5	0.5	2.3	-1.8	0.7	2.6	-1.9	0.9	3.1	-2.2	1.1	3.5	-2.4
3 24 KLATEN	0.1	4.2	-4.1	0.1	5.0	-4.8	0.2	5.7	-5.5	0.3	6.5	-6.3	0.3	7.4	-7.1
3 25 BOYOLALI	0.0	3.1	-3.0	0.0	3.6	-3.6	0.1	4.1	-4.0	0.1	4.7	-4.6	0.1	5.4	-5.2
3 26 SRAGEN	0.1	2.8	-2.7	0.1	3.3	-3.1	0.2	3.8	-3.6	0.2	4.3	-4.1	0.3	4.9	-4.6
3 27 SUKOHARJO	0.1	3.9	-3.8	0.1	4.6	-4.5	0.2	5.5	-5.3	0.2	6.7	-6.4	0.3	8.0	-7.8
3 28 KARANGANYAR	0.3	2.1	-1.9	0.3	2.5	-2.2	0.4	2.9	-2.4	0.6	3.3	-2.7	0.7	3.7	-3.0
3 29 WONOGIRI	0.1	3.9	-3.7	0.1	4.6	-4.4	0.2	5.2	-5.0	0.2	6.0	-5.8	0.3	6.8	-6.5
4 1 BANTUL	0.1	3.9	-3.8	0.1	4.6	-4.4	0.2	5.2	-5.0	0.2	6.1	-5.9	0.3	7.0	-6.7
4 2 SLEMAN	0.1	2.6	-2.5	0.1	3.1	-2.9	0.1	3.5	-3.4	0.2	4.0	-3.8	0.2	4.6	-4.3
4 3 GUNUNG KIDUL	0.2	2.7	-2.5	0.2	3.2	-3.0	0.3	3.7	-3.4	0.4	4.2	-3.8	0.5	4.8	-4.3
4 4 KULON PROGO	0.2	1.6	-1.4	0.3	1.9	-1.7	0.3	2.2	-1.9	0.4	2.5	-2.1	0.5	2.9	-2.3
TOTAL	51.7	105.9	-54.2	65.9	124.8	-58.8	84.2	143.6	-59.4	107.5	166.4	-58.9	137.1	190.5	-53.4

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)

* KABUPATEN (REGENCY) COVERS KOTAMADIKA (MUNICIPALITY) OF THE SAME NAME

KAB. SEYARANG COVERS KOTA. SALATIGA KAB. SUKOHARJO COVERS KOTA. SURAKARTA KAB. BANTUL COVERS KOTA. YOGYAKARTA

App. Table IIIE-57

SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION BY KABUPATEN (1975-1995)

1000MT

* EAST JAWA
* COMMODITY FISHERY

KABUPATEN*	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
5 1 SURABAYA	3.8	9.4	-5.6	4.9	11.7	-6.8	6.3	15.3	-9.0	8.0	20.5	-12.5	10.2	27.6	-17.4
5 2 SIDHARJO	1.7	2.9	-1.3	2.1	3.4	-1.3	2.7	4.0	-1.3	3.5	4.7	-1.3	4.4	5.5	-1.1
5 3 MOJOKERTO	0.0	2.8	-2.8	0.1	3.3	-3.2	0.1	3.9	-3.8	0.1	4.6	-4.5	0.1	5.4	-5.3
5 4 JOMBANG	0.0	3.5	-3.5	0.0	4.1	-4.1	0.0	4.8	-4.8	0.0	5.7	-5.6	0.1	6.6	-6.5
5 5 BOJONEGOLD	0.2	3.7	-3.5	0.3	4.3	-4.1	0.4	5.1	-4.7	0.5	6.0	-5.6	0.6	7.1	-6.5
5 6 TUBAN	3.2	3.2	-0.1	4.0	3.8	0.3	5.2	4.4	0.7	6.6	5.3	1.3	8.4	6.1	2.3
5 7 LAMONGAN	35.2	3.9	31.3	44.9	4.6	40.3	57.3	5.4	52.0	73.2	6.3	66.9	93.4	7.3	86.1
5 8 MADIUN	0.0	3.2	-3.1	0.0	3.7	-3.7	0.0	4.5	-4.5	0.0	5.4	-4.6	0.0	6.6	-6.5
5 9 NGAWI	0.1	3.0	-2.9	0.1	3.5	-3.4	0.1	4.1	-4.0	0.2	4.8	-4.6	0.2	5.6	-5.4
5 10 MAGETAN	0.0	2.4	-2.4	0.0	2.8	-2.8	0.0	3.4	-3.3	0.0	4.0	-4.0	0.0	4.7	-4.7
5 11 PONOROGO	0.0	3.2	-3.1	0.0	3.7	-3.7	0.0	4.3	-4.3	0.0	5.2	-5.1	0.1	6.0	-5.9
5 12 PACITAN	0.8	2.1	-1.3	1.0	2.5	-1.4	1.3	2.9	-1.6	1.7	3.5	-1.8	2.1	4.1	-1.9
5 13 KEDIRI	0.0	5.5	-5.4	0.1	6.5	-6.4	0.1	7.7	-7.7	0.1	9.4	-9.3	0.1	11.2	-11.1
5 14 NGANJUK	0.3	3.4	-3.1	0.3	3.9	-3.6	0.4	4.6	-4.1	0.6	5.4	-4.8	0.7	6.2	-5.5
5 15 BLITAK	0.1	4.4	-4.3	0.1	5.1	-5.0	0.2	6.0	-5.8	0.2	7.1	-6.9	0.3	8.3	-8.0
5 16 TULUNGAGUNG	0.1	3.3	-3.2	0.1	3.9	-3.8	0.1	4.6	-4.4	0.2	5.4	-5.2	0.2	6.3	-6.1
5 17 TRENGGALEK	1.2	2.3	-1.1	1.5	2.7	-1.2	1.9	3.1	-1.2	2.5	3.7	-1.3	3.2	4.4	-1.2
5 18 MALANG	0.3	9.5	-9.2	0.4	11.3	-10.9	0.5	13.5	-13.0	0.6	16.4	-15.8	0.8	19.8	-19.0
5 19 PASURUAN	4.3	4.1	0.1	5.4	4.8	0.6	6.9	5.7	1.3	8.8	6.7	2.1	11.3	7.9	3.4
5 20 PROBOLINGGO	2.1	3.7	-1.6	2.7	4.3	-1.6	3.4	5.1	-1.7	4.3	6.1	-1.7	5.6	7.1	-1.6
5 21 LUMAJANG	0.1	3.5	-3.4	0.1	4.0	-3.9	0.1	4.8	-4.6	0.2	5.7	-5.5	0.2	6.7	-6.5
5 22 BONDOWOSO	0.0	2.4	-2.4	0.0	2.8	-2.8	0.0	3.3	-3.3	0.0	3.9	-3.9	0.0	4.5	-4.5
5 23 SITUBONDO	2.4	2.0	0.3	3.0	2.4	0.6	3.8	2.8	1.0	4.9	3.3	1.6	6.3	3.9	2.4
5 24 JEMBER	1.6	7.4	-5.8	2.0	8.6	-6.6	2.6	10.1	-7.5	3.3	11.9	-8.6	4.2	13.9	-9.6
5 25 BANYUWANGI	11.1	5.7	5.4	14.2	6.7	7.6	18.2	7.8	10.3	23.2	9.2	14.0	29.6	10.7	18.9
5 26 PAMEKASAN	1.6	2.0	-0.4	2.0	2.4	-0.3	2.6	2.8	-0.2	3.3	3.3	0.0	4.3	3.9	0.4
5 27 SAMPANG	1.4	2.3	-1.0	1.7	2.7	-1.0	2.2	3.2	-1.0	2.8	3.8	-1.0	3.6	4.5	-0.9
5 28 SUMENEP	6.3	3.4	3.0	8.1	3.9	4.2	10.3	4.6	5.8	13.2	5.4	7.8	16.8	6.2	10.7
5 29 BANGKALAN	8.2	2.7	5.5	10.5	3.2	7.3	13.4	3.7	9.7	17.1	4.4	12.7	21.8	5.1	16.7
TOTAL	86.2	111.0	-24.8	110.0	130.7	-20.7	140.4	155.4	-15.0	179.2	187.2	-8.1	228.7	223.1	5.6

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)
* KABUPATEN (REGENCY) COVERS KOTANADIA (MUNICIPALITY) OF THE SAME NAME

App. Table IIIE-58

SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION BY KABUPATEN (1975-1995)

* WEST JAWA INCL. D.K.I., JAKARTA

1000MT

* COMMODITY LIVESTOCKS AND THEIR PRODUCTS

	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
1 0 D.K.I. JAKARTA	35.7	34.8	0.9	45.8	46.7	-0.9	48.8	56.7	-7.9	52.2	69.5	-17.3	55.8	85.2	-29.4
2 1 PANDEGLANG	1.6	3.7	-2.2	1.6	4.2	-2.6	1.8	4.9	-3.2	1.9	5.9	-4.0	2.0	6.9	-4.9
2 2 SERANG	2.3	5.6	-3.2	2.4	6.3	-3.9	2.6	7.4	-4.8	2.8	8.8	-5.9	3.1	10.4	-7.3
2 3 LEBAK	1.5	3.6	-2.1	1.6	4.0	-2.5	1.7	4.8	-3.1	1.8	5.6	-3.8	2.0	6.6	-4.7
2 4 BEKASI	2.3	5.4	-3.1	2.4	6.0	-3.7	2.6	7.1	-4.5	2.8	8.4	-5.6	3.0	9.9	-6.9
2 5 KRAJANG	2.8	6.6	-3.8	2.9	7.4	-4.5	3.1	8.7	-5.6	3.4	10.3	-6.9	3.7	12.2	-8.5
2 6 PURWAKARTA	0.9	2.4	-1.5	1.0	2.8	-1.8	1.1	3.3	-2.2	1.1	3.9	-2.8	1.3	4.7	-3.5
2 7 TANGERANG	2.9	6.9	-4.0	3.0	7.8	-4.8	3.3	9.2	-5.9	3.5	10.9	-7.3	3.8	12.9	-9.0
2 8 SUBANG	2.5	5.8	-3.3	2.6	6.6	-4.0	2.8	7.7	-4.9	3.0	9.1	-6.0	3.3	10.7	-7.4
2 9 BOGOR	4.9	12.1	-7.2	5.1	13.7	-8.6	5.5	16.3	-10.8	6.0	19.4	-13.4	6.4	23.1	-16.7
2 10 SUKABUMI	3.6	8.5	-5.0	3.7	9.6	-5.9	4.0	11.4	-7.3	4.3	13.4	-9.1	4.7	15.9	-11.2
2 11 CIANJUR	2.9	7.4	-4.5	3.0	8.3	-5.3	3.3	9.9	-6.7	3.5	11.9	-8.3	3.8	14.2	-10.4
2 12 BANDUNG	5.6	20.9	-15.3	5.8	23.9	-18.0	6.3	29.6	-23.4	6.8	37.2	-30.4	7.3	47.2	-39.9
2 13 SUMEDANG	1.8	4.2	-2.4	1.9	4.7	-2.8	2.0	5.5	-3.5	2.2	6.5	-4.4	2.3	7.7	-5.3
2 14 GARUT	3.3	7.8	-4.5	3.4	8.8	-5.4	3.7	10.4	-6.7	4.0	12.3	-8.3	4.3	14.5	-10.2
2 15 TASIKMALAYA	3.6	8.6	-5.0	3.8	9.7	-5.9	4.1	11.5	-7.4	4.4	13.5	-9.1	4.8	16.0	-11.2
2 16 CIAHIS	3.3	8.0	-4.6	3.5	9.0	-5.5	3.8	10.6	-6.8	4.1	12.5	-8.5	4.4	14.8	-10.4
2 17 CIREBON	3.1	8.0	-4.9	3.2	9.0	-5.8	3.4	10.8	-7.3	3.7	12.9	-9.2	4.0	15.5	-11.5
2 18 KUNINGAN	1.8	4.3	-2.4	1.9	4.8	-2.9	2.1	5.7	-3.6	2.2	6.7	-4.4	2.4	7.8	-5.4
2 19 INDRAMAYU	2.8	6.4	-3.6	2.9	7.2	-4.2	3.1	8.4	-5.2	3.4	9.8	-6.4	3.7	11.5	-7.9
2 20 MAJALENGKA	2.2	5.0	-2.8	2.3	5.7	-3.3	2.5	6.6	-4.1	2.7	7.8	-5.1	2.9	9.1	-6.1

TOTAL 91.3 175.9 -84.6 104.1 206.4 -102.3 111.6 246.6 -135.0 120.0 296.2 -176.2 129.0 356.9 -227.9

REMARKS

(1) PRODUCTION AVAILABLE, (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)

* KABUPATEN (REGENCY) COVERS KOTAMADIA (MUNICIPALITY) OF THE SAME NAME

App. Table IIIE-59 SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION BY KABUPATEN (1975-1995)

1000MT

* CENTRAL JAWA INCL. D.I. YOGYAKARTA

* COMMODITY LIVESTOCKS AND THEIR PRODUCTS

KABUPATEN*	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
3 1 BANYUMAS	4.7	6.9	-2.1	5.0	7.8	-2.8	5.5	8.8	-3.4	6.0	10.0	-4.0	6.5	11.4	-4.8
3 2 PURBALINGGA	2.6	3.8	-1.2	2.7	4.3	-1.6	3.0	4.9	-2.0	3.3	5.6	-2.4	3.6	6.4	-2.8
3 3 CILACAP	5.2	7.8	-2.6	5.5	8.8	-3.3	6.0	10.1	-4.1	6.5	11.5	-4.9	7.1	13.1	-5.9
3 4 BANJARNEGARA	2.6	3.9	-1.3	2.7	4.4	-1.7	3.0	5.0	-2.0	3.3	5.7	-2.4	3.6	6.5	-2.9
3 5 MAGELANG	3.8	6.2	-2.4	4.1	7.0	-2.9	4.4	8.0	-3.6	4.8	9.2	-4.4	5.3	10.6	-5.4
3 6 TEMANGGUNG	2.0	3.1	-1.1	2.1	3.5	-1.4	2.3	4.0	-1.7	2.5	4.6	-2.1	2.7	5.3	-2.6
3 7 WONOSOBO	2.2	3.4	-1.1	2.4	3.8	-1.4	2.6	4.3	-1.8	2.8	4.9	-2.1	3.1	5.6	-2.5
3 8 PURWOREJO	2.8	4.3	-1.5	3.0	4.9	-1.9	3.3	5.6	-2.3	3.6	6.4	-2.8	3.9	7.3	-3.3
3 9 KEBUMEN	4.1	6.1	-2.0	4.3	7.0	-2.6	4.7	7.9	-3.2	5.2	9.0	-3.8	5.7	10.3	-4.6
3 10 PEKALONGAN	2.5	4.3	-1.8	2.6	4.8	-2.2	2.9	5.6	-2.7	3.1	6.5	-3.3	3.4	7.5	-4.0
3 11 PEMALANG	3.4	5.2	-1.8	3.6	5.9	-2.3	3.9	6.7	-2.8	4.3	7.7	-3.4	4.7	8.8	-4.1
3 12 JEGAL	3.9	6.3	-2.4	4.2	7.1	-3.0	4.5	8.2	-3.6	4.9	9.4	-4.4	5.4	10.8	-5.4
3 13 BREBES	4.5	6.8	-2.2	4.8	7.7	-2.9	5.3	8.8	-3.5	5.7	10.0	-4.2	6.3	11.4	-5.1
3 14 BATANG	2.0	3.0	-1.1	2.1	3.4	-1.4	2.3	3.9	-1.7	2.5	4.5	-2.0	2.7	5.1	-2.4
3 15 SEMARANG	2.7	9.0	-6.3	2.8	10.1	-7.3	3.1	12.1	-9.0	3.4	14.7	-11.3	3.7	18.0	-14.3
3 16 KENDAL	2.9	4.3	-1.4	3.1	4.9	-1.8	3.4	5.6	-2.2	3.7	6.3	-2.6	4.1	7.2	-3.1
3 17 DEMAK	2.6	3.9	-1.3	2.7	4.4	-1.7	3.0	5.0	-2.0	3.3	5.7	-2.5	3.6	6.5	-3.0
3 18 GRABYAN	3.9	5.8	-1.8	4.2	6.5	-2.4	4.5	7.4	-2.9	4.9	8.4	-3.4	5.4	9.6	-4.2
3 19 PATI	3.7	5.5	-1.8	3.9	6.2	-2.3	4.2	7.1	-2.8	4.6	8.0	-3.4	5.0	9.2	-4.1
3 20 JEPARA	2.5	3.8	-1.3	2.6	4.3	-1.7	2.9	4.9	-2.1	3.1	5.6	-2.5	3.4	6.4	-3.0
3 21 REMBANG	1.5	2.3	-0.8	1.6	2.6	-1.0	1.8	3.0	-1.3	1.9	3.5	-1.5	2.1	4.0	-1.9
3 22 BLORA	2.7	4.1	-1.4	2.8	4.6	-1.8	3.1	5.2	-2.2	3.4	6.0	-2.6	3.7	6.8	-3.1
3 23 KUDUS	1.9	2.9	-1.1	2.0	3.3	-1.3	2.2	3.8	-1.6	2.4	4.4	-2.0	2.6	5.0	-2.4
3 24 KLATEN	4.3	6.3	-2.0	4.5	7.2	-2.6	4.9	8.1	-3.2	5.4	9.3	-3.9	5.9	10.5	-4.6
3 25 BOYOLALI	3.1	4.6	-1.5	3.3	5.2	-1.9	3.6	5.9	-2.3	3.9	6.7	-2.8	4.3	7.6	-3.3
3 26 SRAGEN	2.8	4.2	-1.4	2.9	4.7	-1.8	3.2	5.4	-2.2	3.5	6.1	-2.6	3.8	7.0	-3.2
3 27 SUKOHARJO	2.1	5.9	-3.8	2.3	6.6	-4.4	2.5	7.9	-5.4	2.7	9.5	-6.8	2.9	11.5	-8.5
3 28 KARANGANYAR	2.2	3.2	-1.0	2.4	3.6	-1.3	2.6	4.1	-1.6	2.8	4.7	-1.9	3.1	5.3	-2.2
3 29 WONOGIRI	3.9	5.8	-1.9	4.2	6.6	-2.4	4.5	7.5	-2.9	4.9	8.5	-3.5	5.4	9.6	-4.2
4 1 BANTUL	2.4	5.9	-3.4	2.6	6.6	-4.0	2.8	7.5	-4.7	3.1	8.7	-5.6	3.4	10.0	-6.6
4 2 SLEMAN	2.7	3.9	-1.2	2.9	4.4	-1.5	3.1	5.0	-1.9	3.4	5.7	-2.3	3.7	6.5	-2.8
4 3 GUNUNG KIDUL	2.8	4.1	-1.3	2.9	4.6	-1.7	3.2	5.3	-2.1	3.5	6.0	-2.5	3.8	6.9	-3.1
4 4 KULON PROGJ	1.7	2.4	-0.8	1.8	2.8	-1.0	1.9	3.2	-1.3	2.1	3.6	-1.5	2.3	4.1	-1.8
TOTAL	98.8	158.9	-60.1	104.8	179.9	-75.1	114.0	206.0	-92.0	124.7	236.3	-111.6	136.3	271.7	-135.4

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)

* KABUPATEN (REGENCY) COVERS KOTA (MADRAL) (MUNICIPALITY) COVERS THE SAME NAME

KAB. SEMARANG COVERS KOTA-SALATIGA KAB. SURABAYA COVERS KOTA-SURABAYA

KAB. BANTUL COVERS KOTA-YOGYAKARTA

App. Table IIIE-60

SURPLUS AND DEFICIT IN COMMODITY DISTRIBUTION BY KABUPATEN (1975-1995)

1000MT

* EAST JAVA
* COMMODITY

LIVESTOCKS AND THEIR PRODUCTS

KABUPATEN*	1975			1980			1985			1990			1995		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
5 1 SURABAYA	6.9	14.1	-7.3	7.4	16.8	-9.5	8.2	21.9	-13.8	9.1	29.1	-20.0	10.1	39.4	-29.2
5 2 SIDHARJO	7.7	4.4	3.3	8.2	4.9	3.3	9.1	5.7	3.4	10.2	6.7	3.4	11.3	7.8	3.5
5 3 MOJOKERTO	7.1	4.2	2.9	7.6	4.8	2.9	8.5	5.6	2.9	9.4	6.6	2.9	10.5	7.8	2.8
5 4 JOMBANG	9.2	5.3	4.0	9.9	5.9	4.0	11.0	6.9	4.1	12.3	8.1	4.2	13.6	9.4	4.3
5 5 BOJONEGRO	9.5	5.6	3.9	10.2	6.3	3.9	11.3	7.3	4.0	12.6	8.6	4.0	14.0	10.1	4.0
5 6 TUBAN	8.4	4.9	3.6	9.1	5.5	3.6	10.0	6.4	3.7	11.2	7.5	3.7	12.5	8.7	3.8
5 7 LAMONGAN	10.6	5.9	4.6	11.3	6.6	4.7	12.6	7.7	4.9	14.0	8.9	5.1	15.6	10.4	5.2
5 8 MADIUN	7.1	4.7	2.4	7.6	5.4	2.3	8.5	6.4	2.1	9.5	7.7	1.7	10.5	9.3	1.2
5 9 NGAWI	7.9	4.5	3.4	8.5	5.0	3.5	9.4	5.9	3.6	10.5	6.8	3.7	11.7	7.9	3.8
5 10 MAGETAN	6.1	3.6	2.4	6.5	4.1	2.4	7.2	4.8	2.4	8.1	5.7	2.4	9.0	6.7	2.3
5 11 PONOROGO	8.2	4.7	3.4	8.8	5.3	3.4	9.7	6.2	3.5	10.8	7.3	3.5	12.1	8.6	3.5
5 12 PACIJAN	5.3	3.2	2.1	5.7	3.6	2.1	6.3	4.2	2.1	7.0	4.9	2.1	7.8	5.8	2.0
5 13 KEDIRI	12.7	8.2	4.4	13.6	9.3	4.3	15.1	11.1	4.0	16.8	13.3	3.5	18.7	16.0	2.7
5 14 NGARJUK	9.0	5.0	3.9	9.6	5.6	4.0	10.7	6.5	4.1	11.9	7.6	4.3	13.3	8.8	4.4
5 15 BLITAR	11.3	6.6	4.8	12.2	7.4	4.8	13.5	8.6	4.9	15.1	10.1	4.9	16.8	11.8	4.9
5 16 TULUNGAGUNG	8.7	5.0	3.7	9.3	5.6	3.7	10.4	6.6	3.8	11.6	7.7	3.9	12.9	9.0	3.9
5 17 TRENGGALEK	5.8	3.4	2.4	6.2	3.9	2.4	6.9	4.5	2.4	7.7	5.3	2.4	8.6	6.2	2.3
5 18 MALANG	21.4	14.3	7.1	22.9	16.2	6.7	25.4	19.4	6.1	28.4	23.3	5.0	31.6	28.3	3.3
5 19 PASURUAN	10.6	6.2	4.4	11.3	7.0	4.4	12.6	8.1	4.5	14.0	9.5	4.5	15.6	11.2	4.4
5 20 PROBOLINGGO	9.2	5.5	3.7	9.9	6.2	3.7	11.0	7.3	3.7	12.3	8.6	3.7	13.6	10.1	3.5
5 21 LUMAJANG	8.7	5.2	3.5	9.3	5.8	3.5	10.4	6.8	3.5	11.6	8.1	3.5	12.9	9.5	3.4
5 22 BONDOWOSO	6.1	3.6	2.5	6.5	4.0	2.5	7.2	4.7	2.5	8.1	5.5	2.5	9.0	6.5	2.5
5 23 SITUBONDO	5.3	3.1	2.2	5.7	3.4	2.2	6.3	4.0	2.3	7.0	4.7	2.3	7.8	5.5	2.3
5 24 JEMBER	19.3	11.1	8.2	20.7	12.4	8.2	22.9	14.5	8.4	25.6	17.0	8.6	28.5	19.8	8.7
5 25 BANYUWANGI	15.0	8.6	6.5	16.1	9.6	6.5	17.9	11.2	6.7	20.0	13.1	6.9	22.2	15.2	7.0
5 26 PALEMBANG	5.0	3.0	2.0	5.4	3.4	2.0	6.0	4.0	2.0	6.7	4.7	1.9	7.4	5.6	1.8
5 27 SAMPANG	5.8	3.5	2.3	6.2	3.9	2.3	6.9	4.6	2.3	7.7	5.5	2.3	8.6	6.5	2.1
5 28 SUKSES	9.0	5.0	3.9	9.6	5.6	4.0	10.7	6.5	4.1	11.9	7.6	4.3	13.3	8.8	4.5
5 29 BANGKALAN	7.1	4.1	3.0	7.7	4.6	3.1	8.5	5.3	3.1	9.4	6.3	3.2	10.5	7.3	3.2
TOTAL	264.1	166.5	97.6	283.3	188.5	94.8	314.0	222.9	91.1	350.3	265.9	84.4	390.1	318.1	72.0

REMARKS

(1) PRODUCTION AVAILABLE (2) CONSUMPTION (3) SURPLUS OR DEFICIT (-)
* KABUPATEN (REGENCY) COVERS KOTA (MUNICIPALITY) OF THE SAME NAME

APP. Table IIIF-1 IMPORT/EXPORT BALANCE (1975)

- Food Crops -

(1,000 tons)

Commodity	Port	Tg. Priok	Cirebon	Semarang	Cilacap	Surabaya	Probolinggo	Banyuwangi	Total
Rice	In	292.0	23.4	15.6	19.5	38.9	-	-	389.4
	Out	23.4	5.9	17.6	-	40.9	11.7	17.6	117.1
	Balance	268.6	17.5	-2/0	19.5	-2.0	-11.7	-17.6	272.3
Maize	In	-	-	-	-	15.0	-	-	15.0
	Out	-	-	-	-	-	-	-	-
	Balance	-	-	-	-	15.0	-	-	15.0
Cassava	In	-	-	-	-	-	-	-	-
	Out	-	120.5	-	321.4	321.3	40.1	-	803.3
	Balance	-	-120.5	-	-321.4	-321.3	-40.1	-	-803.3
Sweet Potato	In	-	-	131.3	-	306.4	-	-	437.7
	Out	-	-	-	-	-	-	-	-
	Balance	-	-	131.3	-	306.4	-	-	437.7
Soya Beans	In	-	-	-	-	-	-	-	-
	Out	-	8.0	24.1	8.0	32.1	4.0	4.0	80.2
	Balance	-	-8.0	-24.1	-8.0	-32.1	-4.0	-4.0	-80.2
Peanuts	In	-	-	-	-	-	-	-	-
	Out	-	3.1	9.2	18.5	30.7	-	-	61.5
	Balance	-	-3.1	-9.2	-18.5	-30.7	-	-	-61.5
Other Food Crops	In	-	-	-	-	-	-	-	-
	Out	11.7	5.8	11.6	-	17.6	5.8	5.8	58.3
	Balance	-11.7	-5.8	-11.6	-	-17.6	-5.8	-5.8	-58.3
Total	In	292.0	23.4	146.9	19.5	360.3	-	-	842.1
	Out	35.1	143.3	62.5	347.9	442.6	61.6	27.4	1,120.4

APP. Table III-F-2 IMPORT/EXPORT BALANCE (1980)
- Food Crops -

(1,000 tons)

Commodity	Port	Tg. Priok	Cirebon	Semarang	Cilacap	Surabaya	Probolinggo	Banyuwangi	Total
Rice	In	482.4	41.4	27.6	41.4	96.5	-	-	689.3
	Out	17.1	8.6	25.6	-	77.0	17.1	25.6	171.0
	Balance	465.3	32.8	2.0	41.4	19.5	-17.1	-25.6	518.3
Maize	In	-	-	-	-	-	-	-	-
	Out	-	-	45.8	68.7	114.6	-	-	229.1
	Balance	-	-	-45.8	-68.7	-114.6	-	-	-229.1
Cassava	In	-	-	-	-	-	-	-	-
	Out	-	145.4	-	387.6	387.6	48.5	-	969.1
	Balance	-	-145.4	-	-387.6	-387.6	-48.5	-	-969.1
Sweet Potato	In	-	-	136.0	-	317.3	-	-	453.3
	Out	-	-	-	-	-	-	-	-
	Balance	-	-	136.0	-	317.3	-	-	453.3
Soya Beans	In	-	-	-	-	-	-	-	-
	Out	-	10.4	31.2	10.4	41.7	5.2	5.2	104.1
	Balance	-	-10.4	-31.2	-10.4	-41.7	-5.2	-5.2	-104.1
Peanuts	In	-	-	-	-	-	-	-	-
	Out	-	3.3	9.8	19.6	32.6	-	-	65.3
	Balance	-	-3.3	-9.8	-19.6	-32.6	-	-	-65.3
Other Food Crops	In	-	-	-	-	-	-	-	-
	Out	13.2	6.6	13.1	-	20.0	6.6	6.6	66.1
	Balance	-13.2	-6.6	-13.1	-	-20.0	-6.6	-6.6	-66.1
Total	In	482.4	41.4	163.6	41.4	413.8	-	-	1,142.6
	Out	30.3	174.3	125.5	486.3	673.4	77.4	37.4	1,604.7

APP. Table IIIF-3 IMPORT/EXPORT BALANCE (1985)
 - Food Crops -

(1,000 tons)

Commodity	Port	Tg. Priok	Cirebon	Semarang	Cilacap	Surabaya	Probolinggo	Banyuwangi	Total
Rice	In	502.7	46.4	30.9	61.9	131.5	-	-	773.4
	Out	7.7	7.7	23.2	-	77.4	15.5	23.2	154.7
	Balance	495.0	38.7	7.7	61.9	54.1	-15.5	-23.2	618.7
Maize	In	-	-	-	-	-	-	-	-
	Out	-	-	72.8	109.2	182.1	-	-	364.1
	Balance	-	-	-72.8	-109.2	-182.1	-	-	-364.1
Cassava	In	-	-	-	-	-	-	-	-
	Out	-	184.7	-	492.5	492.6	61.6	-	1,231.4
	Balance	-	-184.7	-	-492.5	-492.6	-61.6	-	-1,231.4
Sweet Potato	In	-	-	139.7	-	325.8	-	-	465.5
	Out	-	-	-	-	-	-	-	-
	Balance	-	-	139.7	-	325.8	-	-	465.5
Soya Beans	In	-	-	-	-	-	-	-	-
	Out	-	13.0	39.2	13.0	52.1	6.5	6.5	130.3
	Balance	-	-13.0	-39.2	-13.0	-52.1	-6.5	-6.5	-130.3
Peanuts	In	-	-	-	-	-	-	-	-
	Out	-	4.0	12.0	24.1	40.1	-	-	80.2
	Balance	-	-4.0	-12.0	-24.1	-40.1	-	-	-80.2
Other Food Crops	In	-	-	-	-	-	-	-	-
	Out	14.9	7.4	14.9	-	22.1	7.4	7.4	74.1
	Balance	-14.9	-7.4	-14.9	-	-22.1	-7.4	-7.4	-74.1
Total	In	502.7	46.4	170.6	61.9	457.3	-	-	1,238.9
	Out	22.6	216.8	162.1	638.8	866.4	91.0	37.1	2,034.8

APP. Table IIF-4 IMPORT/EXPORT BALANCE (1990)
- Food Crops -

(1,000 tons)

Commodity	Port	Tg. Priok	Cirebon	Semarang	Cilacap	Surabaya	Probolinggo	Banyuwangi	Total
Rice	In	722.1	86.7	57.8	130.0	447.7	-	-	1,444.3
	Out	-	11.1	33.0	-	121.2	22.0	33.0	220.3
	Balance	722.1	75.6	24.8	130.0	326.5	-22.0	-33.0	1,224.0
Maize	In	-	-	-	-	-	-	-	-
	Out	-	-	201.4	302.1	503.4	-	-	1,006.9
	Balance	-	-	-201.4	-302.1	-503.4	-	-	-1,006.9
Cassava	In	-	-	-	-	-	-	-	-
	Out	-	209.6	-	558.8	558.8	69.8	-	1,397.0
	Balance	-	-209.6	-	-558.8	-558.8	-69.8	-	-1,397.0
Sweet Potato	In	-	-	135.7	-	316.7	-	-	452.4
	Out	-	-	-	-	-	-	-	-
	Balance	-	-	135.7	-	316.7	-	-	452.4
Soya Beans	In	-	-	-	-	-	-	-	-
	Out	-	15.9	47.6	15.9	63.5	7.9	7.9	158.7
	Balance	-	-15.9	-47.6	-15.9	-63.5	-7.9	-7.9	-158.7
Peanuts	In	-	-	-	-	-	-	-	-
	Out	-	4.1	12.4	24.8	41.3	-	-	82.6
	Balance	-	-4.1	-12.4	-24.8	-41.3	-	-	-82.6
Other Food Crops	In	-	-	-	-	-	-	-	-
	Out	16.6	8.3	16.3	-	25.0	8.3	8.3	82.8
	Balance	-16.6	-8.3	-16.3	-	-25.0	-8.3	-8.3	-82.8
Total	In	722.1	86.7	193.5	130.0	764.4	-	-	1,896.7
	Out	16.6	249.0	310.7	901.6	1,313.2	108.0	49.2	2,948.3

APP. Table IIIF-5 IMPORT/EXPORT BALANCE (1995)
 - Food Crops -

(1,000 tons)

Commodity	Port	Tg. Priok	Cirebon	Samarang	Cilacap	Surabaya	Probolinggo	Banyuwangi	Total
Rice	In	697.3	139.4	93.0	232.4	1,162.1	-	-	2,324.2
	Out	-	11.5	34.5	-	126.7	23.1	34.5	230.3
	Balance	697.3	127.9	58.5	232.4	1,035.4	-23.1	-34.5	2,093.9
Maize	In	-	-	-	-	-	-	-	-
	Out	-	-	313.6	470.4	784.0	-	-	1,568.0
	Balance	-	-	-313.6	-470.4	-784.0	-	-	-1,568.0
Cassava	In	-	-	-	-	-	-	-	-
	Out	-	252.4	-	673.4	673.4	84.2	-	1,683.4
	Balance	-	-252.4	-	-673.4	-673.4	-84.2	-	-1,683.4
Sweet Potato	In	-	-	123.9	-	289.1	-	-	413.0
	Out	-	-	-	-	-	-	-	-
	Balance	-	-	123.9	-	289.1	-	-	413.0
Soya Beans	In	-	-	-	-	-	-	-	-
	Out	-	18.8	56.5	18.8	75.5	9.4	9.4	188.4
	Balance	-	-18.8	-56.5	-18.8	-75.5	-9.4	-9.4	-188.4
Peanuts	In	-	-	-	-	-	-	-	-
	Out	-	4.8	14.5	28.9	48.2	-	-	96.4
	Balance	-	-4.8	-14.5	-28.9	-48.2	-	-	-96.4
Other Food Crops	In	-	-	-	-	-	-	-	-
	Out	18.5	9.3	18.5	-	27.7	9.4	9.3	92.7
	Balance	-18.5	09.3	-18.5	-	-27.7	-9.4	-9.3	-92.7
Total	In	697.3	139.4	216.9	232.4	1,451.2	-	-	2,737.2
	Out	18.5	296.8	437.6	1,191.5	1,735.5	126.1	53.2	3,859.2

App. Table IIF-6 IMPORT/EXPORT BALANCE (1975)
- Industrial Products -

(1,000 tons)

Commodity	Port	Tg. Priok	Cirebon	Semarang	Cilacap	Surabaya	Probolinggo	Banyuwangi	Total
Cement	In	704.4	54.0	107.9	107.9	107.9	-	-	1,082.1
	Out	-	-	-	-	-	-	-	-
	Balance	704.4	54.0	107.9	107.9	107.9	-	-	1,082.1
Textile	In	85.1	-	6.5	-	13.4	-	-	105.0
	Out	-	-	-	-	-	-	-	-
	Balance	85.1	-	6.5	-	13.4	-	-	105.0
Paper	In	66.6	-	-	26.4	39.5	-	-	132.5
	Out	-	-	-	-	-	-	-	-
	Balance	66.6	-	-	26.4	39.5	-	-	132.5
Petroleum Products	In	1,783.8	892.3	297.5	1,189.8	1,783.7	-	-	5,947.1
	Out	-	-	-	-	-	-	-	-
	Balance	1,783.8	892.3	297.5	1,189.8	1,783.7	-	-	5,947.1
Fertilizer	In	139.2	69.6	69.6	139.1	278.3	-	-	695.8
	Out	-	-	-	-	-	-	-	-
	Balance	139.2	69.6	69.6	139.1	278.3	-	-	695.8
Others (In)	In	1,102.3	367.2	367.2	734.4	1,102.3	-	-	3,673.4
	Out	-	-	-	-	-	-	-	-
	Balance	1,102.3	367.2	367.2	734.4	1,102.3	-	-	3,673.4
Others (Out)	In	-	-	-	-	-	-	-	-
	Out	843.2	-	-	424.4	507.6	-	-	1,775.2
	Balance	-843.2	-	-	-424.4	-507.6	-	-	-1,775.2
Total	In	3,881.4	1,383.1	848.7	2,197.6	3,325.1	-	-	11,635.9
	Out	843.2	-	-	424.4	507.6	-	-	1,775.2
	Balance	3,038.2	1,383.1	848.7	1,773.2	2,817.5	-	-	9,860.7

App. Table IIF-7 IMPORT/EXPORT BALANCE (1980)
Industrial Products -

(1,000 tons)

Commodity	Port	Tg. Priok	Cirebon	Semarang	Cilacap	Surabaya	Probolinggo	Banyuwangi	Total
Cement	In	625.4	48.3	96.3	96.3	96.3	-	-	962.6
	Out	-	-	-	-	-	-	-	-
	Balance	625.4	48.3	96.3	96.3	96.3	-	-	962.6
Textile	In	56.0	-	8.2	-	16.4	-	-	80.6
	Out	-	-	-	-	-	-	-	-
	Balance	56.0	-	8.2	-	16.4	-	-	80.6
Paper	In	40.4	-	-	16.1	24.2	-	-	80.7
	Out	-	-	-	-	-	-	-	-
	Balance	40.4	-	-	16.1	24.2	-	-	80.7
Petroleum Products	In	1,192.1	596.5	198.8	795.4	1,193.0	-	-	3,975.8
	Out	-	-	-	-	-	-	-	-
	Balance	1,192.1	596.5	198.8	795.4	1,193.0	-	-	3,975.8
Fertilizer	In	45.5	22.8	22.8	45.5	-	-	-	-
	Out	-	-	-	-	-	-	-	-
	Balance	45.5	22.8	22.8	45.5	91.0	-	-	227.6
Others (In)	In	1,287.5	428.7	428.7	857.3	1,287.6	-	-	4,289.8
	Out	-	-	-	-	-	-	-	-
	Balance	1,287.5	428.7	428.7	857.3	1,287.6	-	-	4,289.8
Others (Out)	In	-	-	-	-	-	-	-	-
	Out	1,153.1	-	-	519.3	650.6	-	-	2,323.0
	Balance	-1,153.1	-	-	-519.3	-650.6	-	-	-2,323.0
Total	In	3,246.9	1,096.3	754.8	1,810.6	2,708.5	-	-	9,617.1
	Out	1,153.1	-	-	519.3	650.6	-	-	2,323.0

(1,000 tons)

Commodity	Port	Tg. Priok	Cirebon	Semarang	Cilacap	Surabaya	Probolinggo	Banyuwangi	Total
Cement	In	1,010.6	101.5	101.5	203.0	609.0	-	-	2,025.6
	Out	-	-	-	-	-	-	-	-
	Balance	1,010.6	101.5	101.5	203.0	609.0	-	-	2,025.6
Textile	In	58.7	-	8.6	-	17.2	-	-	84.5
	Out	-	-	-	-	-	-	-	-
	Balance	58.7	-	8.6	-	17.2	-	-	84.5
Paper	In	82.5	-	-	31.8	47.8	-	-	162.1
	Out	-	-	-	-	-	-	-	-
	Balance	82.5	-	-	31.8	47.8	-	-	162.1
Petroleum Products	In	2,323.8	1,161.4	387.2	1,548.5	2,323.5	-	-	7,744.4
	Out	-	-	-	-	-	-	-	-
	Balance	2,323.8	1,161.4	387.2	1,548.5	2,323.5	-	-	7,744.4
Fertilizer	In	129.0	64.5	64.5	129.0	258.0	-	-	645.0
	Out	-	-	-	-	-	-	-	-
	Balance	129.0	64.5	64.5	129.0	258.0	-	-	645.0
Others (In)	In	1,473.6	491.2	491.2	982.3	1,471.9	-	-	4,910.2
	Out	-	-	-	-	-	-	-	-
	Balance	1,473.6	491.2	491.2	982.3	1,471.9	-	-	4,910.2
Others (Out)	In	-	-	-	-	-	-	-	-
	Out	1,519.1	-	-	655.2	886.5	-	-	3,060.8
	Balance	-1,519.1	-	-	-655.2	-886.5	-	-	-3,060.8
Total	In	5,078.2	1,818.6	1,053.0	2,894.6	4,727.4	-	-	15,571.8
	Out	1,519.1	-	-	655.2	886.5	-	-	3,060.8
	Balance	3,559.1	1,818.6	1,053.0	2,239.4	3,840.9	-	-	12,511.0

App. Table III-F-9 IMPORT/EXPORT BALANCE (1990)
- Industrial Products -

(1,000 tons)

Commodity	Port	Tg. Priok	Cirebon	Semarang	Cilacap	Surabaya	Probolinggo	Banyuwangi	Total
Cement	In	2,061.9	203.2	203.2	406.4	1,236.7	-	-	4,111.4
	Out	-	-	-	-	-	-	-	-
	Balance	2,061.9	203.2	203.2	406.4	1,236.7	-	-	4,111.4
Textile	In	64.3	-	8.9	-	17.8	-	-	91.0
	Out	-	-	-	-	-	-	-	-
	Balance	64.3	-	8.9	-	17.8	-	-	91.0
Paper	In	172.6	-	-	67.8	101.9	-	-	342.3
	Out	-	-	-	-	-	-	-	-
	Balance	172.6	-	-	67.8	101.9	-	-	342.3
Petroleum Products	In	3,968.7	1,953.9	651.3	2,605.2	3,968.7	-	-	13,147.8
	Out	-	-	-	-	-	-	-	-
	Balance	3,968.7	1,953.9	651.3	2,605.2	3,968.7	-	-	13,147.8
Fertilizer	In	210.0	105.0	104.9	210.0	432.0	-	-	1,061.9
	Out	-	-	-	-	-	-	-	-
	Balance	210.0	105.0	104.9	210.0	432.0	-	-	1,061.9
Others (In)	In	1,577.9	515.4	515.4	1,030.7	1,577.8	-	-	5,217.2
	Out	-	-	-	-	-	-	-	-
	Balance	1,577.9	515.4	515.4	1,030.7	1,577.8	-	-	5,217.2
Others (Out)	In	-	-	-	-	-	-	-	-
	Out	1,989.1	-	-	802.8	1,196.7	-	-	3,988.6
	Balance	-1,989.1	-	-	-802.8	-1,196.7	-	-	-3,988.6
Total	In	8,055.4	2,777.5	1,483.7	4,320.1	7,334.9	-	-	23,971.6
	Out	1,989.1	-	-	802.8	1,196.7	-	-	3,988.6

APP. Table I.III-10 IMPORT/EXPORT BALANCE (1995)
- Industrial Products -

(1,000 tons)

Commodity	Port	Tg. Priok	Cirebon	Semarang	Cilacap	Surabaya	Probolinggo	Banyuwangi	Total
Cement	In	4,541.0	454.6	454.6	909.1	2,727.2	-	-	9,086.5
	Out	-	-	-	-	-	-	-	-
	Balance	4,541.0	454.6	454.6	909.1	2,727.2	-	-	9,086.5
Textile	In	69.3	-	9.9	-	19.9	-	-	99.1
	Out	-	-	-	-	-	-	-	-
	Balance	69.3	-	9.9	-	19.9	-	-	99.1
Paper	In	313.5	-	-	125.3	188.0	-	-	626.8
	Out	-	-	-	-	-	-	-	-
	Balance	313.5	-	-	125.3	188.0	-	-	626.8
Petroleum Products	In	6,239.0	3,119.4	1,039.8	4,159.2	6,238.7	-	-	20,796.1
	Out	-	-	-	-	-	-	-	-
	Balance	6,239.0	3,119.4	1,039.8	4,159.2	6,238.7	-	-	20,796.1
Fertilizer	In	270.6	135.3	135.3	270.6	574.9	-	-	1,386.7
	Out	-	-	-	-	-	-	-	-
	Balance	270.6	135.3	135.3	270.6	574.9	-	-	1,386.7
Others (In)	In	1,602.9	534.3	534.3	1,068.7	1,605.9	-	-	5,346.1
	Out	-	-	-	-	-	-	-	-
	Balance	1,602.9	534.3	534.3	1,068.7	1,605.9	-	-	5,346.1
Others (Out)	In	-	-	-	-	-	-	-	-
	Out	2,535.5	-	-	1,006.0	1,611.2	-	-	5,152.7
	Balance	-2,535.5	-	-	-1,006.0	-1,611.2	-	-	-5,152.7
Total	In	13,036.3	4,243.6	2,173.9	6,532.9	11,354.6	-	-	37,341.3
	Out	2,535.5	-	-	1,006.0	1,611.2	-	-	5,152.7

APP. Table IIIIF-11 IMPORT/EXPORT BALANCE (1975)
- Cash Crop -

(1,000 tons)

Commodity	Port	Tg. Priok	Cirebon	Semarang	Cilacap	Surabaya	Probolinggo	Banyuwangi	Total
Sugar	In	42.1	-	28.1	-	70.1	-	-	140.3
	Out	91.9	91.8	45.8	-	137.6	45.8	45.8	458.7
	Balance	-49.8	-91.8	-17.7	-	-67.5	-45.8	-45.8	-318.4
Copra	In	60.3	30.2	30.2	90.6	90.6	-	-	301.9
	Out	-	-	-	-	-	-	-	-
	Balance	60.3	30.2	30.2	90.6	90.6	-	-	301.9
Other Cash Crop	In	-	-	-	-	-	-	-	-
	Out	34.7	17.4	17.4	52.2	49.6	-	-	171.3
	Balance	-34.7	-17.4	-17.4	-52.2	-49.6	-	-	-171.3
Total	In	102.4	30.2	58.3	90.6	160.7	-	-	442.2
	Out	126.6	109.2	63.2	52.2	187.2	45.8	45.-	630.0

APP. Table I IIF-12 IMPORT/EXPORT BALANCE (1980)
 - Cash Crop -

(1,000 tons)

Commodity	Port	Tg. Priok	Cirebon	Semarang	Cilacap	Surabaya	Probolinggo	Banyuwangi	Total
Sugar	In	50.9	-	33.9	-	84.9	-	-	169.7
	Out	98.5	98.5	49.3	-	147.7	49.3	49.3	492.6
	Balance	-47.6	-98.5	-15.4	-	-62.8	-49.3	-49.3	-322.9
Copra	In	76.9	38.4	76.9	-	192.2	-	-	384.4
	Out	-	-	-	-	-	-	-	-
	Balance	76.9	38.4	76.9	-	192.2	-	-	384.4
Other Cash Crop	In	-	-	-	-	-	-	-	-
	Out	35.0	17.4	17.4	50.9	50.8	-	-	171.5
	Balance	-35.0	-17.4	-17.4	-50.9	-50.8	-	-	-171.5
Total	In	127.8	38.4	110.8	-	277.1	-	-	554.1
	Out	133.5	115.9	66.7	50.9	198.5	49.3	49.3	664.1

APP. Table IIIF-13 IMPORT/EXPORT BALANCE (1985)
- Cash Crop -

(1,000 tons)

Commodity	Port	Tg. Priok	Cirebon	Semarang	Cilacap	Surabaya	Probolinggo	Banyuwangi	Total
Sugar	In	60.8	-	40.4	40.5	60.8	-	-	202.5
	Out	119.9	119.9	60.0	-	179.8	59.9	59.8	599.3
	Balance	-59.1	-119.9	-19.6	40.5	119.0	-59.9	-59.8	-396.8
Copra	In	94.3	47.1	94.3	-	235.5	-	-	471.2
	Out	-	-	-	-	-	-	-	-
	Balance	94.3	47.1	94.3	-	235.5	-	-	471.2
Other Cash Crop	In	-	-	-	-	-	-	-	-
	Out	34.9	17.5	17.5	50.8	50.8	-	-	171.5
	Balance	-34.9	17.5	-17.5	-50.8	-50.8	-	-	-171.5
Total	In	155.1	47.1	134.7	40.5	296.3	-	-	673.7
	Out	154.8	137.4	77.5	50.8	230.6	59.9	59.8	770.8

APP. Table III-F-14 IMPORT/EXPORT BALANCE (1990)
- Cash Crop -

(1,000 tons)

Commodity	Port	Tg. Priok	Cirebon	Semarang	Cilacap	Surabaya	Probolinggo	Banyuwangi	Total
Sugar	In	71.9	-	47.9	47.9	71.9	-	-	239.6
	Out	157.1	157.1	78.6	-	235.7	78.5	78.6	785.6
	Balance	-85.2	-157.1	-30.7	47.9	-163.8	-78.5	-78.6	-546.0
Copra	In	112.4	56.2	112.4	-	281.2	-	-	562.2
	Out	-	-	-	-	-	-	-	-
	Balance	112.4	56.2	112.4	-	281.2	-	-	562.2
Other Cash Crop	In	-	-	-	-	-	-	-	-
	Out	34.7	17.3	17.3	50.4	50.4	-	-	170.1
	Balance	-34.7	-17.3	-17.3	-50.4	-50.4	-	-	-170.1
Total	In	184.3	56.2	160.3	47.9	353.1	-	-	801.8
	Out	191.8	174.4	95.9	50.4	286.1	78.5	78.6	955.7

APP. Table IIF-15 IMPORT/EXPORT BALANCE (1995)
 - Cash Crop -

(1,000 tons)

Commodity	Port	Tg. Priok	Cirebon	Semarang	Cilacap	Surabaya	Probolinggo	Banyuwangi	Total
Sugar	In	84.1	-	56.0	56.1	84.1	-	-	280.3
	Out	193.1	193.1	96.5	-	289.7	96.5	96.5	965.4
	Balance	-109.0	-193.1	-40.5	56.1	-205.6	-96.5	-96.5	-685.1
Copra	In	131.3	65.7	131.3	-	328.3	-	-	656.6
	Out	-	-	-	-	-	-	-	-
	Balance	131.3	65.7	131.3	-	328.3	-	-	656.6
Other Cash Crop	In	-	-	-	-	-	-	-	-
	Out	34.5	17.2	17.2	49.9	49.8	-	-	168.6
	Balance	-34.5	-17.2	-17.2	-49.9	-49.8	-	-	-168.6
Total	In	215.4	65.7	187.3	56.1	412.4	-	-	936.9
	Out	227.6	210.3	113.7	49.9	339.5	96.5	96.5	1,134.0

App. Table I IIF-16 IMPORT/EXPORT BALANCE (1975)
 - Other Products -

(1,000 tons)

Commodity	Port	Tg. Priok	Cirebon	Semarang	Cilacap	Surabaya	Probolinggo	Banyuwangi	Total
Forestry	In	265.0	-	76.4	-	38.2	-	-	379.6
	Out	-	-	-	-	-	-	-	-
	Balance	265.0	-	76.4	-	38.2	-	-	379.6
Fishery	In	-	13.2	33.1	-	20.7	-	-	67.0
	Out	-	-	-	-	-	-	-	-
	Balance	-	13.2	33.1	-	20.7	-	-	67.0
Live stock Egg & Milk	In	47.1	-	-	-	-	-	-	47.1
	Out	-	-	-	-	-	-	-	-
	Balance	47.1	-	-	-	-	-	-	47.1
Total	In	312.1	13.2	109.5	-	58.9	-	-	493.7
	Out	-	-	-	-	-	-	-	-

App. Table III F-17 IMPORT/EXPORT BALANCE (1980)
 - Other Products -

Commodity	Port	Tg. Priok	Cirebon	Semarang	Cilacap	Surabaya	Probolinggo	Banyuwangi	Total	(1,000 tons)	
										In	Out
Forestry	In	523.1	-	149.0	-	74.5	-	-	746.6		
	Out	-	-	-	-	-	-	-	-		
	Balance	523.1	-	149.0	-	74.5	-	-	746.6		
Fishery	In	-	11.7	28.5	-	17.5	-	-	57.7		
	Out	-	-	-	-	-	-	-	-		
	Balance	-	11.7	28.5	-	17.5	-	-	57.7		
Live stock Egg & Milk	In	82.6	-	-	-	-	-	-	82.6		
	Out	-	-	-	-	-	-	-	-		
	Balance	82.6	-	-	-	-	-	-	82.6		
Total	In	605.7	11.7	177.5	-	92.0	-	-	886.9		
	Out	-	-	-	-	-	-	-	-		

APP. Table I IIF-18 IMPORT/EXPORT BALANCE (1985)

- Other Products -

(1,000 tons)

Commodity	Port	Tg. Priok	Cirebon	Semarang	Cilacap	Surabaya	Probolinggo	Banyuwangi	Total
Forestry	In	795.3	-	264.0	-	264.0	-	-	1,323.3
	Out	-	-	-	-	-	-	-	-
	Balance	795.3	-	264.0	-	264.0	-	-	1,323.3
Fishery	In	-	7.5	16.9	-	11.3	-	-	35.7
	Out	-	-	-	-	-	-	-	-
	Balance	-	7.5	16.9	-	11.3	-	-	35.7
Live stock Egg & Milk	In	135.9	-	-	-	-	-	-	135.9
	Out	-	-	-	-	-	-	-	-
	Balance	135.9	-	-	-	-	-	-	135.9
Total	In	931.2	7.5	280.9	-	275.3	-	-	1,494.9
	Out	-	-	-	-	-	-	-	-

App. Table IIF-19 IMPORT/EXPORT BALANCE (1990)

- Other Products -

(1,000 tons)

Commodity	Port	Tg. Priok	Cirebon	Semarang	Cilacap	Surabaya	Probolinggo	Banyuwangi	Total
Forestry	In	1,003.5	-	401.4	-	627.5	-	-	2,032.4
	Out	-	-	-	-	-	-	-	-
	Balance	1,003.5	-	401.4	-	627.5	-	-	2,032.4
Fishery	In	-	-	-	-	-	-	-	-
	Out	6.9	-	-	-	-	-	-	6.9
	Balance	-6.9	-	-	-	-	-	-	-6.9
Live stock Egg & Milk	In	203.4	-	-	-	-	-	-	203.4
	Out	-	-	-	-	-	-	-	-
	Balance	203.4	-	-	-	-	-	-	203.4
Total	In	1,206.9	-	401.4	-	627.5	-	-	2,235.8
	Out	6.9	-	-	-	-	-	-	6.9

App. Table IIIF-20 IMPORT/EXPORT BALANCE (1995)
 - Other Products -

(1,000 tons)

Commodity	Port	Tg. Priok	Cirebon	Semarang	Cilacap	Surabaya	Probolinggo	Banyuwangi	Total
Forestry	In	1,370.6	-	548.2	-	824.0	-	-	2,742.8
	Out	-	-	-	-	-	-	-	-
	Balance	1,370.6	-	548.2	-	824.0	-	-	2,742.8
Fishery	In	-	-	-	-	-	-	-	-
	Out	44.8	-	-	-	-	-	-	44.8
	Balance	-44.8	-	-	-	-	-	-	-44.8
Live stock Egg & Milk	In	291.3	-	-	-	-	-	-	291.3
	Out	-	-	-	-	-	-	-	-
	Balance	291.3	-	-	-	-	-	-	291.3
Total	In	1,661.9	-	548.2	-	824.0	-	-	3,034.1
	Out	44.8	-	-	-	-	-	-	44.8

第2部：第IV章、第2節、交通予測用

Table IVA	COMPUTER OUT-PUT	
Table IVA-1	ASSIGNED TRAFFIC VOLUME IN 1980 ON PRESENT NETWORK	IV-1 - 3
Table IVA-2	ASSIGNED TRAFFIC VOLUME IN 1990 ON PRESENT NETWORK	IV-4 - 6
Table IVA-3	ASSIGNED TRAFFIC VOLUME IN 1980 ON FUTURE NETWORK	IV-7 - 9
Table IVA-4	ASSIGNED TRAFFIC VOLUME IN 1990 ON FUTURE NETWORK	IV-10 - 12
Table IVB	ANNUAL AVERAGE DAILY TRAFFIC VOLUME BY LINK	
Table IVB-1	PLAN-I (ROUTE I BUNTU - PRINGSURAT)	IV-13 - 16
Table IVB-2	PLAN-I (ROUTE II SALAMAN - PURWOREJO)	IV-17
Table IVB-3	PLAN-I (ROUTE III SURAKARTA - WONOGIRI)	IV-17
Table IVB-4	PLAN-I (ROUTE IV PONOROGO - BLITAR)	IV-18
Table IVB-5	PLAN-II (ROUTE I BUNTU - PRINGSURAT)	IV-19
Table IVB-6	PLAN-II (ROUTE II SALAMAN - PURWOREJO)	IV-21
Table IVB-7	PLAN-II (ROUTE III SURAKARTA - WONOGIRI)	IV-21
Table IVB-8	PLAN-II (ROUTE IV PONOROGO - BLITAR)	IV-21
Table IVC	TRAFFIC ASSIGNMENT (Fig.)	
Table IVC-1	PLAN-I (1980) AADT	IV-22
Table IVC-2	PLAN-I (1985) AADT	IV-23
Table IVC-3	PLAN-I (1990) AADT	IV-24
Table IVC-4	PLAN-I (1995) AADT	IV-25
Table IVC-5	PLAN-I (2000) AADT	IV-26

Table IVC-6	PLAN-II (1980) AADT	IV-27
Table IVC-7	PLAN-II (1985) AADT	IV-28
Table IVC-8	PLAN-II (1990) AADT	IV-29
Table IVC-9	WITHOUT BETTERMENT (1980)	IV-30
Table IVC-10	WITHOUT BETTERMENT (1990)	IV-31

IV-1 ASSIGNED TRAFFIC VOLUME IN 1980 ON PRESENT NETWORK

(1)

LINK	MODE-PAIR	ROAD KIND	EVALUATION VALJE	DISTANCE	VELOCITY	ACCUMULATED VOLUME-1	ACCUMULATED VOLUME-2	ACCUMULATED VOLUME	VALUE- ASS. VOL.
101	1- 57	3	42.000	7.000	10.000	2651.	7117.	9768.	91417.
102	2- 62	15	25.500	17.000	40.000	0.	0.	0.	0.
103	2- 65	2	8.485	8.000	56.573	3759.	1698.	5437.	19705.
104	2- 66	6	19.605	16.000	48.966	3430.	1933.	5303.	47688.
105	3- 64	11	19.857	14.000	42.303	2307.	1514.	3821.	44944.
106	3- 65	2	12.000	12.000	60.000	2257.	1707.	3964.	27864.
107	4- 56	12	30.755	17.000	33.154	2235.	1754.	3991.	66459.
108	4- 64	12	69.220	31.000	26.871	2473.	2094.	4567.	156673.
109	5- 53	20	14.981	8.000	32.041	1610.	1488.	3098.	31122.
110	5- 56	20	27.836	12.000	25.864	2240.	1754.	3994.	60148.
111	6- 68	12	17.253	10.000	34.777	1672.	1485.	2937.	27711.
112	6- 69	11	9.959	6.000	36.149	2020.	1623.	3643.	16376.
113	7- 8	12	61.938	46.000	44.560	333.	250.	611.	1462.
114	7- 23	10	168.000	42.000	15.000	7233.	657.	7890.	13078.
115	7- 68	11	26.082	16.000	39.864	1043.	412.	1422.	67.
116	7- 70	10	20.988	10.000	28.588	4840.	718.	5978.	1704.
117	8- 9	10	65.905	29.000	26.402	6499.	2030.	8929.	116028.
118	8- 72	10	21.746	12.000	33.110	3677.	1578.	3677.	35824.
119	9- 73	1	14.046	15.000	64.075	5203.	1713.	7888.	22859.
120	10- 55	3	108.000	18.000	10.000	2945.	2379.	5319.	216.
121	10- 60	6	101.138	51.000	30.256	2915.	2779.	5494.	12723.
122	11- 23	14	157.479	63.000	24.003	3209.	1990.	5129.	55874.
123	11- 54	11	10.623	7.000	39.536	1455.	783.	2150.	4683.
124	11- 55	3	164.000	24.000	10.000	2920.	2374.	5794.	230.
125	12- 23	10	76.232	29.000	22.834	5447.	1727.	7174.	14163.
126	12- 73	1	25.352	25.000	59.166	5080.	1591.	6671.	7286.
127	13- 14	3	21.492	14.000	39.085	3372.	894.	4220.	5592.
128	13- 16	2	20.030	18.000	51.919	3142.	904.	4046.	5556.
129	14- 18	8	112.968	62.000	32.935	1363.	436.	1793.	16665.
130	14- 73	3	66.000	11.000	10.000	8742.	3053.	11813.	110299.
131	14- 74	2	7.843	6.000	43.869	3788.	2950.	6744.	12696.
132	15- 30	3	61.838	50.000	48.514	2137.	429.	2366.	8014.
133	15- 74	2	9.334	9.000	57.853	2160.	679.	2660.	1923.
134	16- 24	15	116.658	74.000	38.060	732.	429.	1161.	13306.
135	16- 25	16	109.500	73.000	40.000	10.	1.	11.	175.
136	17- 74	2	25.938	24.000	55.517	1890.	2289.	3887.	36729.
137	17- 75	1	43.826	51.000	67.821	1337.	2177.	3816.	60559.
138	18- 22	7	372.000	62.000	10.000	3831.	2491.	6322.	9151.
139	18- 33	6	597.375	240.000	36.238	1715.	2736.	4431.	48241.
140	19- 85	1	23.343	13.000	33.415	7664.	3219.	12794.	17124.
141	19- 86	2	96.000	24.000	15.000	3473.	4648.	8952.	70080.
142	20- 86	13	208.000	52.000	15.000	4904.	4648.	9372.	124717.
143	20- 85	5	252.030	63.000	15.000	5285.	4936.	10841.	153634.
144	21- 22	6	112.030	28.000	15.000	4415.	4343.	8748.	61152.
145	21- 84	5	37.064	16.000	25.901	4620.	4233.	8073.	16496.
146	22- 72	10	136.000	34.000	15.000	12.	756.	10127.	28642.
147	24- 25	16	117.000	78.000	40.000	80.	69.	80.	2434.
148	25- 24	16	78.000	52.000	40.000	80.	12.	80.	718.
149	25- 31	2	-25.000	25.000	60.000	1487.	555.	2042.	4330.
150	26- 27	2	31.030	31.000	60.000	158.	339.	491.	3329.

LINK	MODE-PAIR	ROAD KIND	EVALUATION VALUE	DISTANCE	VELOCITY	ACCUMULATED VOLUME-1	ACCUMULATED VOLUME-2	ACCUMULATED VOLUME	VALUE* ASS. VOL.
151	27- 28	1	25,714	30,000	70,000	3694.	720.	4414.	10414.
152	27- 29	2	34,000	34,000	60,000	1935.	258.	2193.	7099.
153	28- 29	3	71,448	43,000	36,110	3595.	410.	4005.	0.
154	28- 32	2	31,000	31,000	60,000	1216.	398.	1614.	4129.
155	28- 78	2	32,385	30,000	55,582	3009.	961.	3970.	11076.
156	29- 36	6	116,280	70,000	36,120	6621.	435.	7054.	12698.
157	30- 76	11	18,455	11,000	35,743	1910.	573.	2483.	3209.
158	31- 76	2	11,077	11,000	59,585	1878.	494.	2372.	1657.
159	31- 77	2	23,977	21,000	52,550	3030.	1238.	4268.	8943.
160	32- 77	9	59,399	31,000	31,314	4311.	3319.	7630.	102463.
161	32- 78	1	24,281	24,000	59,305	3421.	3193.	6614.	40886.
162	33- 82	1	48,000	12,000	15,000	24125.	9204.	33329.	169085.
163	33- 93	10	61,874	40,000	38,789	842.	2304.	3146.	43609.
164	34- 78	1	57,555	46,000	47,954	6430.	4155.	10585.	116123.
165	34- 82	1	152,000	38,000	15,000	15479.	5376.	20857.	362398.
166	35- 80	6	528,000	132,000	15,000	5677.	3017.	8694.	487238.
167	36- 79	9	83,380	28,000	20,149	9049.	1111.	10160.	25714.
168	37- 83	10	24,750	16,000	38,789	842.	2304.	3146.	17443.
169	38- 51	10	496,000	124,000	15,000	10864.	7338.	18202.	382019.
170	38- 52	10	72,000	18,000	15,000	7065.	5213.	12278.	8669.
171	39- 40	1	106,000	265,000	15,000	5425.	10425.	16050.	5006592.
172	39- 52	10	436,030	109,000	15,000	5493.	2170.	7663.	52494.
173	39- 86	2	236,000	59,000	15,000	4417.	8554.	12971.	837055.
174	40- 51	1	252,000	63,000	15,000	10864.	7338.	18202.	194090.
201	52- 58	11	1254,000	209,000	10,000	1573.	3043.	4416.	0.
202	53- 54	8	57,333	43,000	65,000	413.	292.	705.	25112.
203	53- 57	24	46,373	21,000	27,171	1203.	1198.	2401.	76116.
204	55- 56	8	69,333	52,000	45,000	57.	1.	58.	28.
205	57- 58	7	90,000	15,000	10,000	1494.	4275.	5769.	195894.
206	57- 59	3	21,349	10,000	28,103	1157.	2842.	3999.	0.
207	58- 61	2	12,840	11,000	51,321	1015.	2300.	3313.	1613.
208	58- 66	3	19,641	12,000	36,659	1336.	3478.	4814.	40370.
209	59- 60	7	120,000	20,000	10,000	1157.	2842.	3999.	0.
210	54- 88	11	30,132	20,000	39,864	1043.	412.	1455.	84.
211	60- 62	3	21,950	13,000	35,535	1015.	2300.	3315.	2753.
212	60- 63	11	16,822	9,000	32,120	1726.	718.	2444.	7.
213	61- 62	2	4,676	4,000	51,321	1015.	2300.	3315.	586.
214	63- 64	8	28,294	19,000	40,292	165.	580.	745.	0.
215	63- 65	11	16,749	11,000	39,406	1561.	139.	1700.	7.
216	66- 87	15	240,000	40,000	10,000	2651.	3842.	6493.	704064.
217	67- 68	3	1,740	1,000	52,616	1472.	1485.	2957.	1832.
218	67- 84	15	78,694	48,000	36,598	1049.	512.	1221.	6705.
219	69- 70	11	10,358	7,000	40,547	1049.	1111.	1561.	740.
220	69- 71	8	10,750	8,000	44,652	971.	204.	2082.	16909.
221	70- 71	10	8,142	5,000	36,844	3812.	204.	2082.	16909.
222	70- 72	10	20,000	24,000	20,000	2422.	3372.	4722.	4722.
223	71- 72	2	20,000	24,000	20,000	2422.	3372.	4722.	4722.

LINK	NODE-PAIR	ROAD KIND	EVALUATION VALUE	DISTANCE	VELOCITY	ACCUMULATED VOLUME-1	ACCUMULATED VOLUME-2	ACCUMULATED VOLUME	VALUE ASS. VOL.
227	80- 81	2	38.100	26.000	40.945	4322.	2933.	7255.	33559.
228	81- 82	1	88.000	22.000	15.000	12015.	3962.	15977.	100954.
229	85- 87	7	76.000	48.000	41.140	1907.	506.	2413.	8177.
230	86- 87	8	109.000	47.000	25.871	744.	3335.	4079.	307040.
	TOTAL								11233761.

App. Table IV A-2 ASSIGNED TRAFFIC VOLUME IN 1990 ON PRESENT NETWORK

LINK	NODE-PAIR	ROAD KIND	EVALUATION VALUE	DISTANCE	VELOCITY	ACCUMULATED VOLUME-1	ACCUMULATED VOLUME-2	ACCUMULATED VOLUME	VALUE ASS. VOL.
101	1- 57	3	42,000	7,000	10,000	3523.	8313.	11836.	155652.
102	2- 62	15	25,500	17,000	40,000	232.	245.	477.	13964.
103	2- 65	2	13,435	8,000	35,728	5265.	2028.	7293.	5885.
104	2- 66	6	64,000	16,000	15,000	4380.	2046.	6426.	4019.
105	3- 64	11	84,000	14,000	10,000	2593.	1577.	4170.	0.
106	3- 55	2	16,642	12,000	43,263	2609.	1807.	4416.	1814.
107	4- 56	12	102,000	17,000	10,000	2738.	1772.	4510.	15912.
108	4- 64	12	186,000	31,000	10,000	3054.	2139.	5193.	59483.
109	5- 53	20	48,000	8,000	10,000	2063.	1493.	3358.	2717.
110	5- 56	20	72,000	12,000	10,000	2934.	1772.	4706.	11246.
111	6- 68	12	60,000	10,000	10,000	2588.	2579.	5167.	140832.
112	6- 69	11	36,000	6,000	10,000	3465.	2751.	6216.	86573.
113	7- 8	12	61,333	46,000	45,000	808.	1136.	1944.	144575.
114	7- 23	10	168,000	42,000	15,000	10151.	759.	10904.	66629.
115	7- 88	11	31,704	16,000	30,281	2089.	846.	2935.	13106.
116	7- 70	10	40,000	10,000	15,000	7621.	2225.	9846.	101464.
117	8- 9	10	116,000	29,000	15,000	10424.	3136.	13540.	312318.
118	8- 72	10	48,000	12,000	15,000	9014.	1852.	10864.	13171.
119	9- 73	1	21,250	15,000	42,353	8760.	2784.	11944.	53729.
120	10- 55	3	108,000	18,000	10,000	4184.	2804.	6998.	73375.
121	10- 60	6	204,000	51,000	15,000	4289.	3257.	7346.	179602.
122	11- 23	14	252,000	63,000	15,000	3131.	1735.	4066.	38405.
123	11- 56	11	14,773	7,000	28,431	2128.	913.	3041.	5992.
124	11- 55	3	144,000	24,000	10,000	3958.	2805.	6763.	97805.
125	12- 23	10	116,000	29,000	15,000	6376.	1701.	8077.	22504.
126	12- 73	1	29,748	25,000	50,423	6046.	1677.	7723.	10864.
127	13- 16	3	29,205	14,000	28,763	4823.	860.	5483.	11162.
128	13- 16	2	22,532	18,000	47,933	4476.	917.	5393.	9238.
129	14- 18	8	372,000	62,000	10,000	1429.	1176.	2605.	48658.
130	14- 73	3	66,000	11,000	10,000	14127.	4111.	18238.	169382.
131	14- 74	2	10,779	6,000	33,398	5903.	3194.	9097.	27483.
132	15- 30	3	74,306	50,000	40,374	2875.	410.	3285.	7431.
133	15- 74	2	10,361	9,000	52,220	2952.	677.	3429.	2314.
134	16- 24	15	127,385	74,000	34,855	1119.	408.	1327.	23184.
135	16- 25	16	109,500	73,000	40,000	19.	2.	21.	307.
136	17- 74	2	29,553	24,000	48,677	2951.	2519.	5478.	68969.
137	17- 75	1	48,058	51,000	63,659	2637.	2410.	5047.	109750.
138	18- 22	7	372,000	62,000	10,000	2978.	1868.	4846.	37126.
139	18- 33	6	960,000	240,000	15,000	2185.	2970.	5155.	189312.
140	19- 85	1	52,000	13,000	15,000	9165.	6347.	15912.	293030.
141	19- 86	2	96,000	24,000	15,000	5094.	6205.	11398.	534893.
142	20- 84	13	208,000	52,000	15,000	6173.	4770.	10943.	683488.
143	20- 85	3	252,000	68,000	15,000	6450.	5166.	11816.	83428.
144	21- 22	6	112,000	28,000	15,000	5046.	3615.	11816.	83428.
145	22- 23	2	154,000	34,000	15,000	1301.	1301.	1301.	4039.
146	22- 23	10	154,000	34,000	15,000	1301.	1301.	1301.	4039.

LINK	MODE-PAIR	ROAD KIND	EVALUATION VALUE	DISTANCE	VELOCITY	ACCUMULATED VOLUME-1	ACCUMULATED VOLUME-2	ACCUMULATED VOLUME	VALUE-ASS. VOL.
151	27-28	1	51.315	30.000	57.480	7087.	999.	8086.	22985.
152	27-29	2	37.043	34.000	55.071	4015.	417.	4322.	11809.
153	28-29	3	80.871	43.000	31.903	4168.	328.	4494.	0.
154	28-32	2	31.000	60.000	60.000	1446.	278.	1724.	1364.
155	28-78	2	40.807	30.000	44.111	5034.	1377.	6411.	33625.
156	29-36	6	280.000	70.000	15.000	3561.	680.	10041.	42056.
157	30-76	11	25.693	11.000	25.688	2578.	623.	3193.	5041.
158	31-76	2	12.137	11.000	54.379	3141.	638.	3777.	6408.
159	31-77	2	27.522	21.000	45.782	4113.	1153.	5266.	9957.
160	32-77	9	124.000	31.000	15.000	6049.	3374.	9423.	297302.
161	32-78	1	30.580	24.000	47.090	5130.	3426.	8556.	76480.
162	33-82	1	48.000	12.000	15.000	36717.	10781.	47504.	284468.
163	33-83	10	79.133	40.000	30.329	1178.	2313.	3493.	81697.
164	34-78	1	184.000	46.000	15.000	10164.	4803.	14967.	611800.
165	34-82	1	152.000	38.000	15.000	23908.	6231.	29559.	604686.
166	35-80	6	528.000	132.000	15.000	7953.	3449.	11482.	811833.
167	36-79	9	112.000	28.000	15.000	13217.	1376.	14593.	62429.
168	37-83	10	31.653	16.000	30.329	1178.	2313.	3493.	32679.
169	38-51	10	496.000	124.000	15.000	15344.	7349.	22733.	658830.
170	38-52	10	72.000	18.000	15.000	9522.	5014.	14316.	21067.
171	39-40	1	1060.000	265.000	15.000	7601.	12787.	20388.	8102004.
172	39-52	10	436.030	109.000	15.000	7661.	1555.	9216.	127574.
173	39-86	2	236.000	59.000	15.000	6080.	9039.	15119.	1314945.
174	40-51	1	252.000	63.000	15.000	15344.	7349.	22733.	338285.
201	52-58	11	1256.030	209.000	10.000	1862.	3458.	5320.	0.
202	53-54	8	57.333	43.000	45.000	216.	82.	298.	1433.
203	53-67	24	126.000	21.000	10.000	1875.	1422.	3297.	6098.
204	55-56	8	69.333	52.000	45.000	254.	1.	255.	14.
205	57-58	7	90.000	15.000	10.000	1994.	5164.	7158.	255924.
206	57-59	3	60.000	10.000	10.000	1529.	3168.	4677.	51744.
207	58-61	2	16.188	11.000	40.771	1504.	2873.	4377.	8865.
208	58-66	3	72.000	12.000	10.000	1798.	4172.	5978.	165312.
209	59-60	7	120.000	20.000	10.000	1529.	3168.	4677.	103488.
210	54-88	11	39.629	20.000	30.281	2089.	846.	2935.	16383.
211	60-62	3	78.000	13.000	10.000	1272.	2627.	3899.	0.
212	60-63	11	20.307	9.000	26.592	2639.	674.	3315.	366.
213	61-62	2	5.857	4.000	40.771	1504.	2873.	4377.	3223.
214	63-64	8	28.466	19.000	40.048	461.	562.	1023.	9103.
215	63-65	11	19.378	11.000	34.060	2816.	491.	3217.	6544.
216	66-87	15	240.000	40.000	10.000	3723.	4432.	8157.	564112.
217	67-68	3	2.133	1.000	28.126	2588.	2579.	5167.	5007.
218	67-84	15	73.154	48.000	39.369	914.	1291.	2285.	171679.
219	69-70	11	12.209	7.000	34.401	2079.	1533.	2612.	29360.
220	69-71	8	48.000	8.000	10.000	1385.	1217.	2602.	0.
221	70-71	10	11.486	5.000	26.119	5674.	718.	6992.	2189.
222	71-72	2	51.725	26.000	30.160	7060.	1936.	8966.	9859.
223	75-76	2	21.000	21.000	60.000	701.	190.	4156.	5195.
224	75-77	5	38.555	32.000	49.798	1936.	2220.	4156.	78491.
225	79-80	2	28.305	25.000	52.994	3590.	317.	3907.	1636.
226	79-81	9	1046.000	27.000	15.000	9624.	1059.	10685.	53957.

(3)

LINK	MODE-PAIR	ROAD KIND	EVALUATION VALUE	DISTANCE	VELOCITY	ACCUMULATED VOLUME-1	ACCUMULATED VOLUME-2	ACCUMULATED VOLUME	VALUE ASS. VOL.
227	80- 81	2	104,000	26,000	15,000	7984.	3571.	11555.	153899.
228	81- 82	1	88,000	22,000	15,000	17610.	4630.	22240.	174187.
229	85- 87	7	84,565	48,000	34,057	2738.	1598.	4336.	199473.
230	86- 87	8	282,000	47,000	10,000	987.	2834.	3821.	0.
TOTAL									2066977.

App. Table IV A-3 ASSIGNED TRAFFIC VOLUME IN 1980 ON FUTURE NETWORK

LINK	MODE-PAIR	ROAD KIND	EVALUATION VALUE	DISTANCE	VELOCITY	ACCUMULATED VOLUME-1	ACCUMULATED VOLUME-2	ACCUMULATED VOLUME	VALUE ASS. VOL.
101	1- 57	3	42.050	7.000	10.000	2651.	7117.	9768.	91477.
102	2- 62	15	25.500	17.000	40.000	0.	0.	0.	0.
103	2- 55	2	8.431	8.000	56.597	3646.	1282.	4928.	14376.
104	2- 66	6	19.593	16.000	48.996	3317.	1537.	4854.	35229.
105	3- 64	11	20.916	16.000	40.160	2222.	940.	3162.	28861.
106	3- 65	2	12.300	12.000	60.000	2170.	1133.	3303.	17261.
107	4- 56	10	23.929	17.000	42.625	2390.	1828.	4218.	41250.
108	4- 64	10	47.215	31.000	39.394	2628.	2165.	4793.	4551
109	5- 53	18	13.622	8.000	35.238	1759.	1961.	3320.	3078
110	5- 56	18	23.039	12.000	31.184	2378.	1828.	4206.	39805.
111	6- 68	10	13.870	10.000	43.260	1964.	1839.	3803.	3561
112	6- 69	10	8.922	6.000	40.352	2511.	1946.	4457.	4215
113	7- 8	12	61.333	46.000	45.000	222.	39.	261.	1431.
114	7- 23	10	163.000	42.000	15.000	7334.	663.	8017.	13978.
115	7- 88	11	21.333	16.000	45.000	721.	126.	847.	260.
116	7- 70	10	20.637	10.000	29.074	4804.	694.	5500.	1478.
117	8- 9	10	68.048	29.000	25.570	6551.	2096.	8647.	117695.
118	8- 72	10	24.158	12.000	29.767	5859.	1865.	7724.	39847.
119	9- 73	1	14.143	15.000	63.636	5342.	1760.	2102.	23008.
120	10- 55	3	37.337	18.000	28.949	2800.	2304.	5104.	16467.
121	10- 60	6	87.073	51.000	35.143	2766.	2706.	5474.	49214.
122	11- 23	14	148.332	63.000	25.483	3037.	1918.	4955.	52717.
123	11- 54	10	8.430	7.000	50.000	774.	134.	908.	173.
124	11- 55	3	49.715	24.000	28.945	2792.	2304.	5096.	21934.
125	12- 23	10	73.525	29.000	23.665	5396.	1661.	7057.	13690.
126	12- 73	1	25.398	25.000	59.061	5043.	1633.	6676.	7284.
127	13- 14	2	15.714	14.000	53.456	3371.	854.	4225.	4089.
128	13- 16	2	20.032	18.000	53.914	3142.	905.	4047.	5557.
129	14- 18	8	112.948	62.000	32.935	1363.	430.	1793.	16445.
130	14- 73	3	66.020	11.000	10.000	8762.	3053.	11815.	110299.
131	14- 74	2	7.967	6.000	45.875	3788.	2956.	6744.	12694.
132	15- 30	3	61.838	50.000	48.514	2137.	429.	2566.	8014.
133	15- 74	2	9.334	9.000	57.853	2190.	670.	2860.	1923.
134	16- 24	15	116.658	74.000	38.060	732.	429.	1161.	15306.
135	16- 25	16	109.530	73.000	40.000	11.	1.	12.	175.
136	17- 74	2	25.936	24.000	55.522	1598.	2289.	3807.	36725.
137	17- 75	1	43.823	51.000	69.826	1337.	2177.	3514.	60555.
138	18- 22	7	372.000	62.000	10.000	3831.	2491.	6322.	9151.
139	18- 33	6	397.375	240.000	36.238	1715.	2736.	4451.	48261.
140	19- 35	1	23.329	13.000	33.434	7059.	5230.	12289.	17114.
141	19- 86	2	96.000	24.000	15.000	3468.	5219.	8807.	70080.
142	20- 84	13	208.000	52.000	15.000	4897.	4667.	9564.	124093.
143	20- 55	5	252.000	63.000	15.000	5275.	4954.	10229.	154678.
144	21- 22	6	112.000	28.000	15.000	4418.	4343.	8758.	61152.
145	21- 84	5	37.054	16.000	25.901	4620.	4233.	8873.	19496.
146	22- 72	10	136.000	34.000	15.000	9371.	756.	10127.	28662.
147	24- 25	16	117.000	78.000	40.000	12.	68.	80.	2434.
148	25- 26	10	62.400	52.000	50.000	403.	95.	560.	574.
149	25- 31	2	25.000	25.000	60.000	1531.	559.	2090.	4330.
150	26- 27	2	31.000	31.000	60.000	296.	69.	595.	3329.

LINK	MODE-PAIR	ROAD KIND	EVALUATION VALJE	DISTANCE	VELOCITY	ACCUMULATED VOLUME-1	ACCUMULATED VOLUME-2	ACCUMULATED VOLUME	VALUE ASS. VOL.
151	27-28	1	25.714	30.000	70.000	3676.	720.	4398.	10414.
152	27-29	2	34.000	34.000	60.000	1964.	262.	2226.	7099.
153	28-29	3	71.043	43.000	36.316	3567.	407.	3974.	0.
154	28-32	2	31.000	31.000	60.000	1170.	395.	1565.	4129.
155	28-78	2	32.385	30.000	55.582	3009.	961.	3970.	11074.
156	29-36	6	116.280	70.000	36.120	6621.	435.	7056.	12698.
157	30-76	11	18.455	11.000	35.743	1910.	573.	2483.	3209.
158	31-76	2	11.077	11.000	59.585	1878.	494.	2372.	1657.
159	31-77	2	23.890	21.000	52.742	2983.	1235.	4218.	8911.
160	32-77	9	58.920	31.000	31.568	4264.	3315.	7579.	101636.
161	32-78	1	24.281	24.000	59.305	3421.	3193.	6614.	40686.
162	33-82	1	48.000	12.000	15.000	24125.	9204.	33329.	149085.
163	33-83	10	61.874	40.000	38.789	842.	2304.	3146.	43609.
164	34-78	1	57.555	46.000	47.954	6430.	4155.	10585.	116123.
165	34-82	1	152.000	38.000	15.000	15479.	5378.	20857.	362398.
166	35-80	6	528.000	132.000	15.000	5677.	3017.	8694.	487238.
167	36-79	9	83.350	28.000	20.149	9049.	1111.	10160.	25774.
168	37-83	10	24.750	16.000	38.789	842.	2304.	3146.	17443.
169	38-51	10	496.000	124.000	15.000	10864.	7338.	18202.	382019.
170	38-52	10	72.000	18.000	15.000	7065.	12278.	8669.	8669.
171	39-40	1	1060.000	265.000	15.000	5423.	10625.	16050.	5006592.
172	39-52	10	436.000	109.000	15.000	5487.	2170.	7657.	52494.
173	39-86	2	236.000	59.000	15.000	4412.	8543.	12966.	837045.
174	40-51	1	252.000	63.000	15.000	10864.	7338.	18202.	194090.
201	52-58	11	1254.000	209.000	10.000	1578.	3043.	4621.	0.
202	53-54	8	57.333	43.000	45.000	53.	7.	60.	482.
203	53-67	18	34.000	20.000	35.263	1718.	1558.	3276.	(3034) 55619.
204	55-56	5	69.333	52.000	45.000	28.	1.	29.	14.
205	57-58	7	90.000	15.000	10.000	1494.	4275.	5769.	195894.
206	57-59	5	21.349	10.000	28.105	1157.	2842.	3999.	0.
207	58-61	2	12.853	11.000	51.309	1199.	2718.	3853.	9872.
208	58-66	3	19.633	12.000	36.673	1199.	3052.	4251.	27757.
209	59-60	7	120.000	20.000	10.000	1137.	2842.	3999.	0.
210	54-88	10	24.000	20.000	50.000	721.	127.	848.	(1090) 293.
211	60-62	3	21.933	13.000	35.515	1133.	2718.	3853.	16733.
212	60-63	10	13.333	9.000	40.500	1938.	1523.	3461.	(3219) 9291.
213	61-62	2	4.678	4.000	51.309	1133.	2718.	3853.	3568.
214	63-64	2	19.000	19.000	60.000	406.	1226.	1632.	(1390) 8497.
215	63-65	11	15.858	11.000	41.593	1532.	297.	1829.	3961.
216	66-87	15	240.000	40.000	10.000	2652.	3843.	6495.	704784.
217	67-68	2	1.063	1.000	57.532	1964.	1839.	3803.	(3561) 1665.
218	67-84	15	78.737	48.000	36.578	704.	509.	1213.	6472.
219	69-70	11	10.62	7.000	39.465	1173.	519.	1694.	(1738) 456.
220	69-71	2	8.000	8.000	60.000	1336.	1427.	2763.	(252) 12582.
221	70-71	10	7.861	5.000	38.165	3629.	177.	3806.	(5850) 51093.
222	71-72	2	32.281	26.000	46.326	4965.	1404.	4549.	51093.
223	75-76	2	21.000	21.000	60.000	54.	97.	153.	426.
224	75-77	2	53.641	32.000	37.000	1221.	2079.	3520.	47030.
225	75-78	5	44.523	27.000	25.000	1221.	2079.	3520.	47030.

LINK	MODE-PAIR	ROAD KIND	EVALUATION VALUE	DISTANCE	VELOCITY	ACCUMULATED VOLUME - 1	ACCUMULATED VOLUME - 2	ACCUMULATED VOLUME	VALUE* ASS. VOL.
227	80- 81	2	34.100	26.000	40.945	4322.	2933.	7253.	33559.
228	81- 82	1	88.000	22.000	15.000	12015.	3962.	15977.	100954.
229	85- 87	7	59.436	48.000	41.204	1908.	507.	2415.	8374.
230	86- 87	8	109.033	47.000	25.871	744.	3335.	4079.	307040.
TOTAL									11114931.

App. Table IV A-4 ASSIGNED TRAFFIC VOLUME IN 1990 ON FUTURE NETWORK

(1)

LINK	MODE-PAIR	ROAD KIND	EVALUATION VALUE	DISTANCE	VELOCITY	ACCUMULATED VOLUME-1	ACCUMULATED VOLUME-2	ACCUMULATED VOLUME	VALUE* ASS. VOL.
101	1- 57	3	42.000	7.000	10.000	3523.	8313.	11836.	155632.
102	2- 62	15	25.500	17.000	40.000	368.	545.	913.	30998.
103	2- 55	2	13.594	8.000	35.317	574.	2344.	7818.	15032.
104	2- 56	6	64.000	16.000	15.000	4454.	2062.	6516.	4019.
105	3- 54	11	24.000	12.000	10.000	3012.	1596.	4608.	0.
106	3- 55	2	17.327	12.000	41.554	3022.	1826.	4848.	1889.
107	4- 58	10	68.000	17.000	15.000	3994.	2367.	6361.	56630.
108	4- 64	10	124.000	51.000	15.000	4316.	2935.	7251.	123578.
109	5- 53	18	32.000	8.000	15.000	3144.	2390.	5534.	23337.
110	5- 56	18	48.000	12.000	15.000	4015.	2568.	6583.	39984.
111	6- 68	10	40.000	10.000	15.000	3093.	3126.	6179.	99272.
112	6- 69	10	24.000	6.000	15.000	3928.	3255.	7183.	60946.
113	7- 8	12	276.000	46.000	10.000	662.	1101.	1763.	0.
114	7- 23	10	165.000	42.000	15.000	10742.	803.	11625.	115167.
115	7- 88	11	24.032	16.000	39.947	2647.	334.	2433.	7729.
116	7- 70	10	40.000	10.000	15.000	7234.	1909.	9143.	16800.
117	8- 5	10	116.000	29.000	15.000	10482.	3044.	13576.	296496.
118	8- 72	10	48.000	12.000	15.000	9170.	1838.	11008.	119309.
119	9- 73	1	21.351	15.000	42.132	8810.	2726.	11536.	51096.
120	10- 55	3	108.000	18.000	10.000	2991.	2016.	5007.	281.
121	10- 50	6	204.000	51.000	15.000	3096.	2467.	5363.	41534.
122	11- 23	14	252.000	63.000	15.000	2481.	1648.	4129.	0.
123	11- 54	10	8.886	7.000	47.265	1941.	346.	2287.	(2679) 1610.
124	11- 55	3	144.000	24.000	10.000	2946.	2015.	4961.	366.
125	12- 23	10	116.000	29.000	15.000	6345.	1747.	8112.	39460.
126	12- 73	1	29.530	25.000	50.796	5980.	1597.	7577.	6756.
127	13- 16	2	17.783	14.000	47.237	4828.	860.	5688.	6767.
128	13- 18	2	22.541	18.000	47.912	4481.	918.	5399.	9303.
129	14- 18	8	372.000	62.000	10.000	1428.	1176.	2804.	48633.
130	14- 73	3	66.000	11.000	10.000	14128.	4111.	18237.	169382.
131	14- 74	2	10.786	6.000	33.377	5907.	3193.	9100.	27489.
132	15- 30	3	74.348	50.000	40.340	2890.	410.	3290.	7437.
133	15- 74	2	10.345	9.000	52.200	2887.	678.	3635.	2315.
134	16- 24	15	127.385	74.000	34.855	1119.	408.	1527.	25184.
135	16- 25	16	109.500	73.000	40.000	16.	3.	17.	613.
136	17- 74	2	29.583	24.000	48.677	2950.	2517.	5467.	68866.
137	17- 75	1	48.058	51.000	63.659	2636.	2409.	5095.	109615.
138	18- 22	7	372.000	62.000	10.000	2079.	1868.	4847.	37124.
139	18- 33	6	960.000	240.000	15.000	2183.	2970.	5153.	189312.
140	19- 85	1	52.000	13.000	15.000	9133.	6344.	15477.	293030.
141	19- 86	2	96.000	52.000	15.000	5062.	6201.	11253.	534893.
142	20- 84	13	208.000	25.000	15.000	6109.	4764.	10873.	683488.
143	20- 85	5	252.000	63.000	15.000	5881.	5180.	11741.	864218.
144	21- 22	6	112.000	28.000	15.000	5218.	3641.	8879.	123984.
145	21- 34	5	64.000	16.000	15.000	5483.	3547.	9030.	67354.
146	22- 72	10	116.000	34.000	15.000	1443.	1458.	15893.	48334.
147	24- 25	16	117.000	28.000	40.000	18.	17.	91.	3838.
148	24- 26	16	42.400	52.000	50.000	377.	377.	1498.	24940.
149	24- 27	16	23.000	25.000	40.000	242.	242.	242.	242.

LINK	MODE-PAIR	ROAD KIND	EVALUATION VALUE	DISTANCE	VELOCITY	ACCUMULATED VOLUME-1	ACCUMULATED VOLUME-2	ACCUMULATED VOLUME	VALUE- ASS. VOL.
151	27- 28	1	31,495	30,000	57,152	7248.	1021.	8269.	24421.
152	27- 29	2	37,159	34,000	54,899	4056.	420.	4476.	11845.
153	28- 29	3	30,152	43,000	32,189	4127.	323.	4450.	0.
154	28- 32	2	31,000	31,000	60,000	1200.	255.	1455.	267.
155	28- 38	2	40,837	30,000	44,111	5034.	1378.	6412.	33739.
156	29- 36	0	280,000	70,000	15,000	9561.	480.	10041.	42056.
157	30- 75	11	25,731	11,000	25,650	2575.	626.	3201.	5048.
158	31- 76	2	12,142	11,000	54,359	3218.	653.	3871.	4859.
159	31- 77	2	27,098	21,000	46,498	3933.	1146.	5079.	9761.
160	32- 77	9	124,000	31,000	15,000	5797.	3349.	9146.	292169.
161	32- 78	1	30,550	24,000	47,090	5130.	3425.	8525.	76394.
162	33- 82	1	48,000	12,000	15,000	36717.	10787.	47504.	284458.
163	33- 83	10	79,133	40,000	30,329	1178.	2315.	3493.	81697.
164	34- 78	1	184,000	46,000	15,000	10164.	4803.	14967.	611800.
165	34- 82	1	152,000	38,000	15,000	23308.	6251.	29559.	504686.
166	35- 80	6	528,000	15,000	15,000	7953.	3449.	11402.	811853.
167	36- 79	9	112,000	28,000	15,000	13217.	1376.	14593.	62429.
168	37- 83	10	31,653	16,000	30,329	1178.	2315.	3493.	32679.
169	38- 51	10	496,000	124,000	15,000	19364.	7369.	22733.	665830.
170	38- 52	10	72,000	18,000	15,000	9522.	5014.	14336.	21067.
171	39- 41	1	1066,000	265,000	15,000	7601.	12787.	20388.	3102004.
172	39- 52	10	436,000	109,000	15,000	7653.	1555.	9208.	127574.
173	39- 86	2	236,000	59,000	15,000	6072.	9039.	15111.	1314945.
174	40- 51	1	252,000	63,000	15,000	15364.	7369.	22733.	338285.
201	52- 58	11	1254,000	209,000	10,000	1870.	3429.	5329.	0.
202	53- 54	3	57,333	43,000	45,000	597.	278.	875.	26234.
203	53- 57	13	90,000	70,000	15,000	2587.	2024.	4611.	(4219) 23408.
204	55- 56	8	69,333	52,000	45,000	60.	1.	61.	14.
205	57- 58	7	90,000	15,000	10,000	2129.	5464.	7593.	316044.
206	57- 59	3	65,000	10,000	19,000	1394.	2848.	4242.	11664.
207	58- 61	2	16,140	11,000	40,892	1628.	3162.	4790.	19620.
208	58- 66	3	72,000	12,000	10,000	1779.	4162.	5941.	163312.
209	59- 60	7	120,000	20,000	10,000	1394.	2848.	4242.	23328.
210	54- 85	10	24,600	20,000	48,781	2097.	336.	2433.	(2825) 7911.
211	60- 62	3	78,000	13,000	10,000	1261.	2617.	3878.	0.
212	60- 62	10	16,170	9,000	33,396	2077.	1143.	3220.	(2828) 149.
213	61- 62	2	5,859	4,000	40,892	1628.	3162.	4790.	7134.
214	63- 64	2	19,457	19,000	58,591	1304.	1339.	2643.	(2251) 19391.
215	63- 65	11	18,051	11,000	36,503	2607.	698.	3305.	18186.
216	66- 87	15	240,000	40,000	10,000	3780.	4438.	8218.	564112.
217	67- 68	2	1,457	1,000	41,187	3053.	3127.	6180.	(5767) 3615.
218	67- 64	15	72,624	48,000	39,656	1071.	1337.	2408.	178394.
219	69- 70	11	42,000	7,000	10,000	1779.	1494.	3273.	0.
220	69- 71	2	8,441	8,000	56,863	2149.	1761.	3910.	(3291) 21435.
221	70- 71	19	9,155	5,000	32,842	5455.	415.	5870.	(3518) 3837.
222	71- 72	2	39,392	26,000	39,602	7045.	1877.	8922.	(517) 92294.
223	73- 76	2	21,000	21,000	60,000	773.	207.	980.	5972.
224	73- 77	5	38,555	32,000	49,799	1863.	2202.	4045.	76957.
225	79- 80	2	28,305	25,000	52,974	3590.	317.	3907.	1434.
226	79- 81	9	108,000	27,000	15,000	9626.	1059.	10685.	53957.

LINK	NODE-PAIR	ROAD KIND	EVALUATION VALJE	DISTANCE	VELOCITY	ACCUMULATED VOLUME-1	ACCUMULATED VOLUME-2	ACCUMULATED VOLUME	VALUE* ASS. VOL.
227	80- 81	2	164.000	26.000	15.000	7984.	3571.	11555.	153899.
228	81- 82	1	85.000	22.000	15.000	17610.	4630.	22440.	174187.
229	85- 87	7	55.258	48.000	33.776	2769.	1801.	4370.	201129.
230	86- 87	8	282.000	47.000	10.000	1011.	2837.	3848.	0.
	TOTAL								20427575.

Table IV B ANNUAL DAILY TRAFFIC

VOLUME BY LINK

App. Table IV B-1 PLAN-I (ROUTE I BUNTU - PRINGSURAT)

(AADT)

Link Year	Buntu 212 Banyumas				Banyumas 214 Klampok				Klampok 108 Banjarnegara				Banjarnegara 107 Selokromo			
	Sedan	Bus	Truck	Total	Sedan	Bus	Truck	Total	Sedan	Bus	Truck	Total	Sedan	Bus	Truck	Total
1980	1,570	368	1,523	3,461	329	77	1,226	1,632	2,129	499	2,165	4,793	1,936	454	1,828	4,218
1981	1,584	371	1,478	3,433	407	95	1,226	1,728	2,253	529	2,214	4,996	2,054	482	1,877	4,413
1982	1,598	375	1,432	3,405	484	114	1,226	1,824	2,378	558	2,263	5,199	2,172	510	1,926	4,608
1983	1,612	378	1,387	3,377	563	132	1,225	1,920	2,504	587	2,312	5,403	2,292	537	1,975	4,804
1984	1,627	381	1,341	3,349	641	350	1,225	2,016	2,629	616	2,361	5,606	2,410	565	2,024	4,999
1985	1,640	385	1,296	3,321	719	168	1,225	2,112	2,753	646	2,410	5,809	2,528	593	2,073	5,194
1986	1,648	387	1,265	3,300	786	184	1,248	2,218	2,901	681	2,515	6,097	2,670	626	2,172	5,468
1987	1,657	389	1,235	3,281	854	200	1,271	2,325	3,051	715	2,620	6,386	2,811	659	2,271	5,741
1988	1,665	391	1,204	3,260	921	216	1,293	2,430	3,199	750	2,725	6,674	2,953	692	2,369	6,014
1989	1,674	393	1,174	3,241	989	232	1,316	2,537	3,348	785	2,830	6,963	3,093	726	2,468	6,287
1990	1,682	395	1,143	3,220	1,056	248	1,339	2,643	3,496	820	2,935	7,251	3,235	759	2,567	6,561
1991	1,726	405	1,174	3,305	1,084	254	1,375	2,713	3,586	841	3,014	7,441	3,319	778	2,636	6,733
1992	1,769	415	1,204	3,388	1,111	260	1,411	2,782	3,677	862	3,092	7,631	3,402	798	2,705	6,905
1993	1,813	425	1,235	3,473	1,138	267	1,446	2,851	3,767	883	3,171	7,822	3,485	818	2,773	7,076
1994	1,856	435	1,265	3,556	1,165	273	1,482	2,920	3,857	905	3,249	8,011	3,569	837	2,842	7,248
1995	1,900	445	1,296	3,641	1,192	280	1,518	2,990	3,947	926	3,328	8,201	3,652	857	2,911	7,420
1996	1,924	451	1,313	3,688	1,208	283	1,538	3,029	3,998	938	3,373	8,309	3,700	868	2,950	7,518
1997	1,949	457	1,331	3,737	1,223	287	1,599	3,069	4,050	950	3,417	8,417	3,747	879	2,989	7,615
1998	1,973	463	1,348	3,784	1,239	291	1,579	3,109	4,101	962	3,462	8,525	3,795	890	3,028	7,713
1999	1,998	469	1,366	3,833	1,255	294	1,600	3,149	4,153	974	3,506	8,633	3,842	901	3,067	7,810
2000	2,023	474	1,383	3,880	1,270	298	1,620	3,188	4,204	986	3,551	8,741	3,890	912	3,106	7,908
2001	2,047	480	1,400	3,927	1,286	301	1,640	3,227	4,255	998	3,596	8,849	3,937	924	3,145	8,006
2002	2,072	486	1,418	3,976	1,301	305	1,661	3,267	4,307	1,010	3,640	8,957	3,984	935	3,184	8,103
2003	2,096	492	1,435	4,023	1,317	309	1,681	3,307	4,358	1,022	3,685	9,065	4,032	946	3,223	8,201
2004	2,122	497	1,453	4,072	1,333	312	1,702	3,347	4,410	1,034	3,729	9,173	4,079	957	3,262	8,299
2005	2,146	503	1,470	4,119	1,348	316	1,722	3,386	4,461	1,046	3,774	9,282	4,127	968	3,301	8,396

Link	Selokromo 110 Monosocho				Monosoco 109 Kertek				Kertek 203 Parakan				Parakan 217 Pertiganambulu			
	Sedan	Bus	Truck	Total	Sedan	Bus	Truck	Total	Sedan	Bus	Truck	Total	Sedan	Bus	Truck	Total
1980	1,926	452	1,828	4,206	1,425	334	1,561	3,320	1,392	326	1,558	3,276	1,591	373	1,839	3,803
1981	2,047	480	1,877	4,404	1,526	358	1,611	3,495	1,456	342	1,586	3,384	1,672	392	1,935	3,999
1982	2,168	508	1,926	4,622	1,628	382	1,662	3,672	1,522	357	1,613	3,492	1,753	411	2,032	4,196
1983	2,288	537	1,976	4,081	1,729	406	1,712	3,847	1,587	372	1,641	3,600	1,835	430	2,128	4,393
1984	2,409	565	2,025	4,989	1,831	430	1,763	4,024	1,652	388	1,668	3,708	1,916	449	2,225	4,590
1985	2,530	593	2,074	5,197	1,933	453	1,813	4,199	1,717	403	1,696	3,816	1,997	468	2,321	4,786
1986	2,674	627	2,173	5,474	2,056	482	1,908	4,446	1,793	420	1,762	3,975	2,092	491	2,482	5,065
1987	2,819	661	2,272	5,752	2,178	511	2,004	4,693	1,869	438	1,827	4,134	2,187	513	2,643	5,343
1988	2,963	695	2,370	6,028	2,301	540	2,099	4,940	1,944	456	1,893	4,293	2,283	535	2,804	5,622
1989	3,108	729	2,469	6,306	2,424	568	2,194	5,186	2,020	474	1,958	4,452	2,377	558	2,965	5,900
1990	3,252	763	2,568	6,583	2,547	597	2,290	5,434	2,096	491	2,024	4,611	2,473	580	3,126	6,179
1991	3,336	783	2,637	6,756	2,612	613	2,351	5,576	2,150	504	2,078	4,732	2,537	595	3,210	6,342
1992	3,420	802	2,706	6,928	2,678	628	2,413	5,719	2,204	517	2,132	4,853	2,601	610	3,294	6,505
1993	3,504	822	2,774	7,100	2,744	644	2,474	5,862	2,258	529	2,187	4,974	2,664	625	3,377	6,666
1994	3,588	841	2,843	7,272	2,810	659	2,536	6,005	2,312	542	2,241	5,095	2,728	640	3,461	6,829
1995	3,672	861	2,912	7,445	2,876	674	2,597	6,147	2,366	555	2,295	5,216	2,792	655	3,545	6,992
1996	3,720	872	2,951	7,543	2,913	683	2,632	6,228	2,397	562	2,326	5,285	2,829	663	3,593	7,085
1997	3,767	884	2,990	7,641	2,950	692	2,667	6,309	2,428	569	2,357	5,354	2,865	672	3,640	7,177
1998	3,815	895	3,029	7,739	2,988	701	2,701	6,390	2,458	577	2,387	5,422	2,901	680	3,688	7,269
1999	3,863	906	3,068	7,837	3,025	710	2,736	6,471	2,489	584	2,418	5,491	2,937	689	3,735	7,361
2000	3,911	917	3,107	7,935	3,063	718	2,771	6,552	2,520	591	2,449	5,560	2,974	697	3,783	7,454
2001	3,959	928	3,146	8,033	3,100	727	2,806	6,633	2,551	598	2,480	5,629	3,010	706	3,831	7,547
2002	4,006	940	3,185	8,131	3,137	736	2,841	6,714	2,582	605	2,511	5,698	3,046	715	3,878	7,639
2003	4,054	951	3,224	8,229	3,175	745	2,875	6,795	2,612	613	2,541	5,766	3,082	723	3,926	7,731
2004	4,102	962	3,263	8,327	3,213	753	2,910	6,876	2,643	620	2,572	5,835	3,119	731	3,973	7,823
2005	4,150	973	3,302	8,425	3,250	762	2,945	6,957	2,674	627	2,603	5,904	3,155	740	4,021	7,916

Link	Pertigabulu <u>111A</u> Temanggung			Temanggung <u>112</u> Kranggan			Kranggan <u>219</u> Secang			Secang <u>221</u> Pringaurat						
	Sedan	Bus	Truck	Total	Sedan	Bus	Truck	Total	Sedan	Bus	Truck	Total	Sedan	Bus	Truck	Total
1980	1,591	373	1,839	3,803	2,034	477	1,946	4,457	1,601	375	1,517	3,493	3,588	842	1,175	5,605
1981	1,672	392	1,935	3,999	2,139	502	2,043	4,684	1,682	394	1,609	3,685	3,761	882	1,206	5,849
1982	1,753	411	2,032	4,196	2,245	527	2,141	4,913	1,763	414	1,702	3,879	3,934	923	1,238	6,095
1983	1,835	430	2,128	4,393	2,351	551	2,238	5,140	1,844	433	1,794	4,071	4,107	963	1,269	6,339
1984	1,916	449	2,225	4,590	2,457	576	2,336	5,369	1,926	452	1,887	4,265	4,280	1,004	1,301	6,585
1985	1,997	468	2,321	4,786	2,562	601	2,433	5,596	2,007	471	1,979	4,457	4,453	1,044	1,322	6,829
1986	2,092	491	2,482	5,065	2,686	630	2,597	5,913	2,103	493	2,128	4,724	4,654	1,092	1,395	7,141
1987	2,187	513	2,643	5,343	2,810	659	2,762	6,231	2,198	516	2,278	4,992	4,857	1,139	1,458	7,454
1988	2,283	535	2,804	5,622	2,934	688	2,926	6,548	2,294	538	2,427	5,259	5,059	1,186	1,521	7,766
1989	2,377	558	2,965	5,900	3,058	717	3,091	6,866	2,390	560	2,577	5,527	5,261	1,234	1,584	8,079
1990	2,473	580	3,126	6,179	3,182	746	3,255	7,183	2,485	583	2,726	5,794	5,463	1,281	1,647	8,391
1991	2,537	595	3,210	6,342	3,264	765	3,342	7,371	2,549	598	2,799	5,946	5,604	1,314	1,691	8,609
1992	2,601	610	3,294	6,505	3,346	785	3,429	7,560	2,613	613	2,872	6,098	5,745	1,347	1,735	8,827
1993	2,663	625	3,377	6,666	3,428	804	3,517	7,749	2,678	628	2,945	6,251	5,886	1,380	1,780	9,046
1994	2,728	640	3,461	6,829	3,511	823	3,604	7,938	2,742	643	3,018	6,403	6,026	1,414	1,824	9,264
1995	2,792	655	3,545	6,992	3,592	843	3,691	8,126	2,806	658	3,091	6,555	6,167	1,447	1,868	9,482
1996	2,829	663	3,593	7,085	3,639	854	3,740	8,233	2,842	667	3,133	6,642	6,248	1,465	1,893	9,606
1997	2,865	672	3,640	7,177	3,686	864	3,790	8,340	2,879	675	3,174	6,728	6,328	1,484	1,918	9,730
1998	2,901	680	3,688	7,269	3,733	875	3,839	8,447	2,916	684	3,216	6,816	6,408	1,503	1,944	9,855
1999	2,937	689	3,735	7,361	3,779	886	3,889	8,554	2,953	692	3,257	6,902	6,488	1,522	1,969	9,979
2000	2,974	697	3,783	7,454	3,826	897	3,938	8,661	2,989	701	3,299	6,989	6,568	1,541	1,994	10,103
2001	3,010	706	3,831	7,547	3,873	908	3,987	8,768	3,025	710	3,341	7,076	6,649	1,559	2,019	10,227
2002	3,046	715	3,873	7,639	3,919	919	4,037	8,875	3,062	718	3,382	7,162	6,729	1,578	2,044	10,351
2003	3,082	723	3,926	7,731	3,966	930	4,086	8,982	3,099	727	3,424	7,250	6,809	1,597	2,070	10,476
2004	3,119	731	3,973	7,823	4,012	941	4,135	9,088	3,136	735	3,465	7,336	6,889	1,616	2,095	10,600
2005	3,155	740	4,021	7,916	4,059	952	4,185	9,196	3,172	744	3,507	7,423	6,969	1,635	2,120	10,724

Link	Pertigaambulu 1118 Temangguna				Kranggan 220 Pringsurat			
	Sedan	Bus	Truck	Total	Sedan	Bus	Truck	Total
1980	954	224	1,103	2,281	1,082	254	1,427	2,763
1981	1,003	235	1,161	2,399	1,142	268	1,599	3,009
1982	1,051	247	1,219	2,517	1,203	282	1,771	3,256
1983	1,101	258	1,277	2,636	1,263	296	1,943	3,502
1984	1,149	270	1,335	2,754	1,324	310	2,115	3,749
1985	1,198	281	1,393	2,872	1,834	324	1,513	3,221
1986	1,256	294	1,490	3,040	1,455	341	1,563	3,359
1987	1,312	308	1,586	3,206	1,526	358	1,612	3,496
1988	1,370	321	1,683	3,374	1,598	375	1,662	3,635
1989	1,426	335	1,780	3,541	1,669	392	1,711	3,772
1990	1,484	348	1,876	3,708	1,741	408	1,761	3,910
1991	1,522	357	1,926	3,805	1,785	419	1,808	4,012
1992	1,560	366	1,976	3,902	1,831	429	1,855	4,115
1993	1,599	375	2,027	4,001	1,875	440	1,903	4,218
1994	1,637	384	2,077	4,098	1,921	450	1,950	4,321
1995	1,675	393	2,127	4,195	1,965	461	1,997	4,423
1996	1,697	398	2,156	4,251	1,991	467	2,024	4,482
1997	1,719	403	2,184	4,306	2,016	473	2,051	4,540
1998	1,741	408	2,213	4,362	2,042	479	2,077	4,598
1999	1,763	413	2,241	4,417	2,067	485	2,104	4,656
2000	1,784	419	2,270	4,473	2,093	491	2,131	4,715
2001	1,806	424	2,299	4,529	2,119	497	2,158	4,774
2002	1,828	429	2,327	4,584	2,144	503	2,185	4,832
2003	1,850	434	2,356	4,640	2,170	509	2,211	4,890
2004	1,872	439	2,384	4,695	2,195	515	2,238	4,948
2005	1,894	444	2,413	4,751	2,221	521	2,265	5,007

App. Table IV B-2 PLAN-I (ROUTE II SALAMAN - PURWOREJO) App. Table IV B-3
 PLAN-I (ROUTE III SURAKARTA - WONOGIRI)

Link	Salaman <u>210</u> Maron				Maron <u>123</u> Purworejo				Surakarta <u>127</u> Sukoharjo				Sukoharjo <u>128</u> Wonogiri			
	Sedan	Bus	Truck	Total	Sedan	Bus	Truck	Total	Sedan	Bus	Truck	Total	Sedan	Bus	Truck	Total
1980	584	137	127	848	627	147	134	908	2,731	640	854	4,225	2,545	597	905	4,047
1981	683	160	187	1,030	711	167	151	1,029	2,841	666	848	4,355	2,646	621	899	4,166
1982	782	183	247	1,212	795	187	169	1,151	2,951	692	841	4,484	2,748	644	893	4,285
1983	880	206	308	1,394	879	206	186	1,271	3,061	718	835	4,614	2,850	668	886	4,404
1984	979	229	368	1,576	963	226	204	1,391	3,171	744	828	4,743	2,951	692	880	4,523
1985	1,077	253	428	1,758	1,047	246	221	1,514	3,281	770	822	4,873	3,052	716	874	4,642
1986	1,201	282	410	1,893	1,153	270	246	1,669	3,407	799	830	5,036	3,168	743	883	4,794
1987	1,326	311	391	2,028	1,257	295	271	1,823	3,533	829	837	5,199	3,283	770	892	4,945
1988	1,450	340	373	2,163	1,362	320	296	1,978	3,659	858	845	5,362	3,399	797	900	5,096
1989	1,575	369	354	2,298	1,467	344	321	2,132	3,785	888	852	5,525	3,514	824	909	5,247
1990	1,699	398	336	2,433	1,572	369	346	2,287	3,911	917	860	5,688	3,630	851	918	5,399
1991	1,742	409	345	2,496	1,613	378	355	2,346	4,012	941	883	5,836	3,724	873	942	5,539
1992	1,786	419	354	2,599	1,653	388	364	2,405	4,112	965	906	5,983	3,817	895	965	5,677
1993	1,831	429	363	2,623	1,694	397	374	2,465	4,214	988	929	6,131	3,911	917	989	5,817
1994	1,874	440	372	2,686	1,734	407	383	2,524	4,343	983	952	6,278	4,004	939	1,012	5,955
1995	1,918	450	381	2,749	1,775	416	392	2,583	4,415	1,036	975	6,426	4,098	961	1,036	6,095
1996	1,943	456	386	2,785	1,797	422	397	2,616	4,473	1,049	988	6,510	4,173	962	1,050	6,175
1997	1,968	462	391	2,821	1,821	427	402	2,650	4,530	1,063	1,001	6,594	4,205	986	1,064	6,255
1998	1,993	467	397	2,857	1,844	432	408	2,684	4,587	1,076	1,014	6,677	4,257	999	1,077	6,333
1999	2,017	474	402	2,893	1,867	438	413	2,718	4,645	1,089	1,027	6,761	4,311	1,011	1,091	6,413
2000	2,043	479	407	2,929	1,890	443	418	2,751	4,702	1,103	1,040	6,845	4,364	1,024	1,105	6,493
2001	2,068	485	412	2,965	1,913	449	423	2,785	4,760	1,116	1,053	6,929	4,418	1,036	1,119	6,573
2002	2,093	491	417	3,001	1,936	454	428	2,818	4,817	1,130	1,066	7,013	4,471	1,049	1,133	6,653
2003	2,117	497	423	3,037	1,959	459	434	2,852	4,874	1,143	1,079	7,096	4,524	1,061	1,146	6,731
2004	2,143	502	428	3,073	1,982	465	439	2,886	4,931	1,157	1,092	7,180	4,577	1,074	1,160	6,811
2005	2,168	508	433	3,109	2,005	470	444	2,919	4,989	1,170	1,105	7,264	4,631	1,086	1,174	6,891

APP. Table IV B-4 PLAN-I (ROUTE IV PONOROGO - BLITAR)

Link	Ponorogo ¹⁴⁸ Trenggalek				Trenggalek ¹⁵⁰ Tulungagung				Tulungagung ¹⁵² Blitar			
	Sedan	Bus	Truck	Total	Sedan	Bus	Truck	Total	Sedan	Bus	Truck	Total
1980	403	95	62	560	296	69	595	960	1,591	373	262	2,226
1981	454	107	93	654	387	91	600	1,078	1,729	406	271	2,406
1982	505	119	124	748	479	112	605	1,196	1,868	438	280	2,586
1983	557	131	154	842	570	134	611	1,315	2,007	471	288	2,766
1984	608	143	185	936	662	155	616	1,433	2,146	503	297	2,946
1985	659	155	216	1,030	753	177	621	1,551	2,284	536	306	3,126
1986	741	174	248	1,163	836	196	640	1,672	2,484	583	329	3,396
1987	824	193	280	1,297	918	215	659	1,792	2,684	530	352	3,666
1988	906	212	313	1,431	1,000	235	677	1,912	2,885	677	374	3,936
1989	988	232	345	1,565	1,082	254	696	2,032	3,085	724	397	4,206
1990	1,070	251	377	1,698	1,165	273	715	2,153	3,285	771	420	4,476
1991	1,112	261	391	1,764	1,210	284	741	2,235	3,413	801	435	4,649
1992	1,153	271	404	1,828	1,256	294	767	2,317	3,541	831	450	4,822
1993	1,196	280	418	1,894	1,301	305	792	2,398	3,670	861	466	4,997
1994	1,237	290	431	1,958	1,346	316	818	2,480	3,798	891	481	5,170
1995	1,279	300	445	2,024	1,392	326	844	2,562	3,926	921	496	5,343
1996	1,034	306	453	2,063	1,419	333	859	2,611	4,003	939	505	5,447
1997	1,329	312	461	2,102	1,446	339	875	2,660	4,080	957	514	5,551
1998	1,354	318	470	2,142	1,473	346	890	2,709	4,157	975	523	5,655
1999	1,379	324	478	2,181	1,500	352	906	2,758	4,234	993	532	5,759
2000	1,405	329	486	2,220	1,528	358	921	2,807	4,311	1,011	541	5,863
2001	1,430	335	494	2,259	1,555	365	936	2,856	4,388	1,029	550	5,967
2002	1,455	341	502	2,298	1,582	371	952	2,905	4,465	1,047	559	6,071
2003	1,480	347	511	2,338	1,610	377	967	2,954	4,542	1,065	568	6,175
2004	1,505	353	519	2,337	1,636	384	983	3,003	4,619	1,083	577	6,279
2005	1,530	359	527	2,416	1,664	390	998	3,052	4,696	1,101	586	6,383

App. Table IV B-5 PLAN-II (ROUTE I BUNTU - PRINGSURAT)
 2. ANNUAL AVERAGE DAILY TRAFFIC VOLUME BY LINK
 PLAN II

Line	BUNTU 212 BANYUAS				BANYUAS 214 KLANGOK				KLANGOK 108 BANJARNEGARA				BANJARNEGARA 107 SELONGORO			
	Sedan	Bus	Truck	Total	Sedan	Bus	Truck	Total	Sedan	Bus	Truck	Total	Sedan	Bus	Truck	Total
1980	1,447	339	1,433	3,219	206	48	1,136	1,390	2,006	470	2,075	4,551	1,813	425	1,738	3,976
81	1,456	341	1,341	3,178	279	65	1,129	1,473	2,125	499	2,117	4,741	1,926	452	1,780	4,158
82	1,466	344	1,327	3,137	352	83	1,121	1,556	2,246	527	2,158	4,931	2,040	479	1,821	4,340
83	1,475	346	1,274	3,095	426	100	1,112	1,638	2,367	555	2,199	5,121	2,155	505	1,862	4,522
84	1,485	348	1,219	3,052	499	117	1,103	1,719	2,487	583	2,239	5,309	2,268	532	1,902	4,702
85	1,493	351	1,164	3,008	572	134	1,093	1,799	2,606	612	2,278	5,946	2,381	559	1,941	4,881
86	1,497	352	1,124	2,973	635	149	1,107	1,891	2,750	646	2,374	5,770	2,519	591	2,031	5,141
87	1,502	353	1,084	2,939	699	164	1,120	1,983	2,896	679	2,469	6,044	2,656	623	2,120	5,399
88	1,505	354	1,043	2,902	761	179	1,132	2,072	3,309	713	2,564	6,316	2,793	655	2,208	5,656
89	1,510	354	1,002	2,866	825	193	1,144	2,162	3,184	746	2,658	6,588	2,929	687	2,296	5,912
90	1,514	355	959	2,828	888	208	1,155	2,251	3,328	780	2,751	6,859	3,067	719	2,338	6,169
91	1,554	364	977	2,895	912	213	1,178	2,303	3,414	800	2,817	7,031	3,147	737	2,439	6,323
92	1,592	373	994	2,959	934	218	1,201	2,353	3,500	820	2,882	7,202	3,225	756	2,945	6,476

Link	SELONGORO 110 WONGOSBO				WONGOSBO 109 KEROTEK				KEROTEK 201 PABADAN				PABADAN 217 PERTEGAMBULLU			
	Sedan	Bus	Truck	Total	Sedan	Bus	Truck	Total	Sedan	Bus	Truck	Total	Sedan	Bus	Truck	Total
1980	1,803	423	1,738	3,964	1,302	305	1,471	3,078	1,269	297	1,468	3,034	1,468	344	1,749	3,561
81	1,919	450	1,780	4,149	1,398	328	1,514	3,240	1,328	312	1,489	3,129	1,544	362	1,838	3,744
82	2,036	477	1,821	4,334	1,496	351	1,557	3,404	1,390	326	1,508	3,224	1,621	380	1,927	3,928
83	2,151	505	1,863	4,519	1,592	374	1,599	3,565	1,450	340	1,528	3,318	1,698	398	2,015	4,111
84	2,267	532	1,903	4,702	1,689	397	1,641	3,727	1,510	355	1,546	3,411	1,774	416	2,103	4,293
85	2,383	559	1,942	4,884	1,786	419	1,681	3,886	1,570	369	1,564	3,503	1,850	434	2,189	4,473
86	2,523	592	2,032	5,147	1,905	447	1,767	4,119	1,642	385	1,621	3,648	1,941	456	2,341	4,738
87	2,664	625	2,121	5,410	2,023	475	1,853	4,351	1,714	402	1,676	3,792	2,032	477	2,492	5,001
88	2,803	658	2,209	5,670	2,141	503	1,938	4,582	1,784	419	1,732	3,935	2,123	498	2,643	5,264
89	2,944	690	2,297	5,931	2,260	529	2,022	4,811	1,856	435	1,786	4,077	2,213	519	2,793	5,525
90	3,084	723	2,384	6,191	2,379	557	2,106	5,042	1,928	451	1,840	4,219	2,305	540	2,942	5,787
91	3,164	742	2,440	6,346	2,440	572	2,154	5,166	1,978	463	1,881	4,322	2,365	554	3,013	5,932
92	3,243	760	2,496	6,499	2,501	586	2,203	5,290	2,027	475	1,922	4,424	2,424	568	3,084	6,076

Link	PERTIGAMBULU <u>111A</u> TEMANGGUNG				TEMANGGUNG <u>112</u> KRANGGCAN				KRANGGCAN <u>220</u> PRINGSURAT				KRANGGCAN <u>219</u> SECANG				
	Year	Sedan	Bus	Truck	Total	Sedan	Bus	Truck	Total	Sedan	Bus	Truck	Total	Sedan	Bus	Truck	Total
		1980	1,468	344	1,749	3,561	1,911	448	1,856	4,215	959	225	1,337	2,521	1,478	346	1,427
81	1,544	362	1,838	3,744	2,011	472	1,946	4,429	1,014	238	1,502	2,754	1,554	364	1,512	3,430	
82	1,621	380	1,927	3,928	2,113	496	2,036	4,465	1,071	251	1,666	2,988	1,631	383	1,597	3,611	
83	1,698	398	2,015	4,111	2,214	519	2,215	4,858	1,126	264	1,830	3,220	1,707	401	1,681	3,789	
84	1,774	416	2,103	4,293	2,315	543	2,214	5,072	1,182	277	1,993	3,452	1,784	419	1,765	3,968	
85	1,850	434	2,189	4,473	2,415	567	2,301	5,283	1,237	290	1,381	2,908	1,860	437	1,847	4,144	
86	1,941	546	2,341	4,738	2,535	595	2,456	5,586	1,304	306	1,422	3,032	1,952	458	1,987	4,397	
87	2,032	477	2,492	5,001	2,655	623	2,611	5,889	1,371	322	1,461	3,154	2,043	480	2,127	4,650	
88	2,123	498	2,643	5,264	2,774	651	2,765	6,190	1,438	338	1,501	3,277	2,134	501	2,266	4,901	
89	2,213	519	2,793	5,525	2,894	678	2,919	6,491	1,505	353	1,539	3,397	2,226	521	2,405	5,152	
90	2,305	540	2,942	5,787	3,014	706	3,071	6,791	1,573	368	1,577	3,518	2,317	543	2,542	5,402	
91	2,365	554	3,013	5,932	3,092	724	3,145	6,961	1,613	378	1,161	3,602	2,377	557	2,602	5,536	
92	2,424	568	3,084	6,076	3,169	743	3,219	7,131	1,654	387	1,645	3,686	2,436	571	2,662	5,669	

Link	PERTIGAMBULU <u>111B</u> TEMANGGUNG				SECANG <u>221</u> PRINGSURAT				
	Year	Sedan	Bus	Truck	Total	Sedan	Bus	Truck	Total
		1980	831	195	1,013	2,039	3,465	813	1,085
81	875	205	1,064	2,144	3,633	852	1,109	5,594	
82	919	216	1,114	2,249	3,802	892	1,133	5,827	
83	964	226	1,164	2,354	3,970	931	1,156	6,057	
84	1,007	237	1,213	2,457	4,138	971	1,179	6,288	
85	1,051	247	1,261	2,559	4,306	1,010	1,200	6,516	
86	1,105	259	1,349	2,713	4,503	1,057	1,254	6,814	
87	1,157	272	1,435	2,864	4,702	1,103	1,307	7,112	
88	1,210	284	1,522	3,016	4,899	1,149	1,360	7,408	
89	1,262	296	1,608	3,166	5,097	1,195	1,412	7,704	
90	1,316	308	1,692	3,316	5,295	1,241	1,463	7,999	
91	1,350	316	1,729	3,395	5,432	1,273	1,494	8,199	
92	1,383	324	1,766	3,473	5,568	1,305	1,525	8,398	

Link	MARON <u>210</u> SALAMAN				PURWOREJO <u>123</u> PARON			
	Sedan	Bus	Truck	Total	Sedan	Bus	Truck	Total
1980	707	166	217	1,090	750	176	224	1,150
81	811	190	284	1,285	839	197	248	1,284
82	914	214	352	1,480	927	218	274	1,419
83	1,017	238	421	1,676	1,016	238	299	1,553
84	1,121	262	490	1,873	1,105	259	326	1,690
85	1,224	287	560	2,071	1,194	280	353	1,827
86	1,352	316	552	2,220	1,304	305	387	1,996
87	1,481	347	542	2,370	1,412	331	422	2,165
88	1,610	377	534	2,521	1,522	357	457	2,336
89	1,739	407	527	2,673	1,631	383	493	2,507
90	1,867	438	520	2,825	1,740	409	530	2,679
91	1,914	450	542	2,906	1,785	419	552	2,756
92	1,963	461	564	2,988	1,830	430	574	2,834

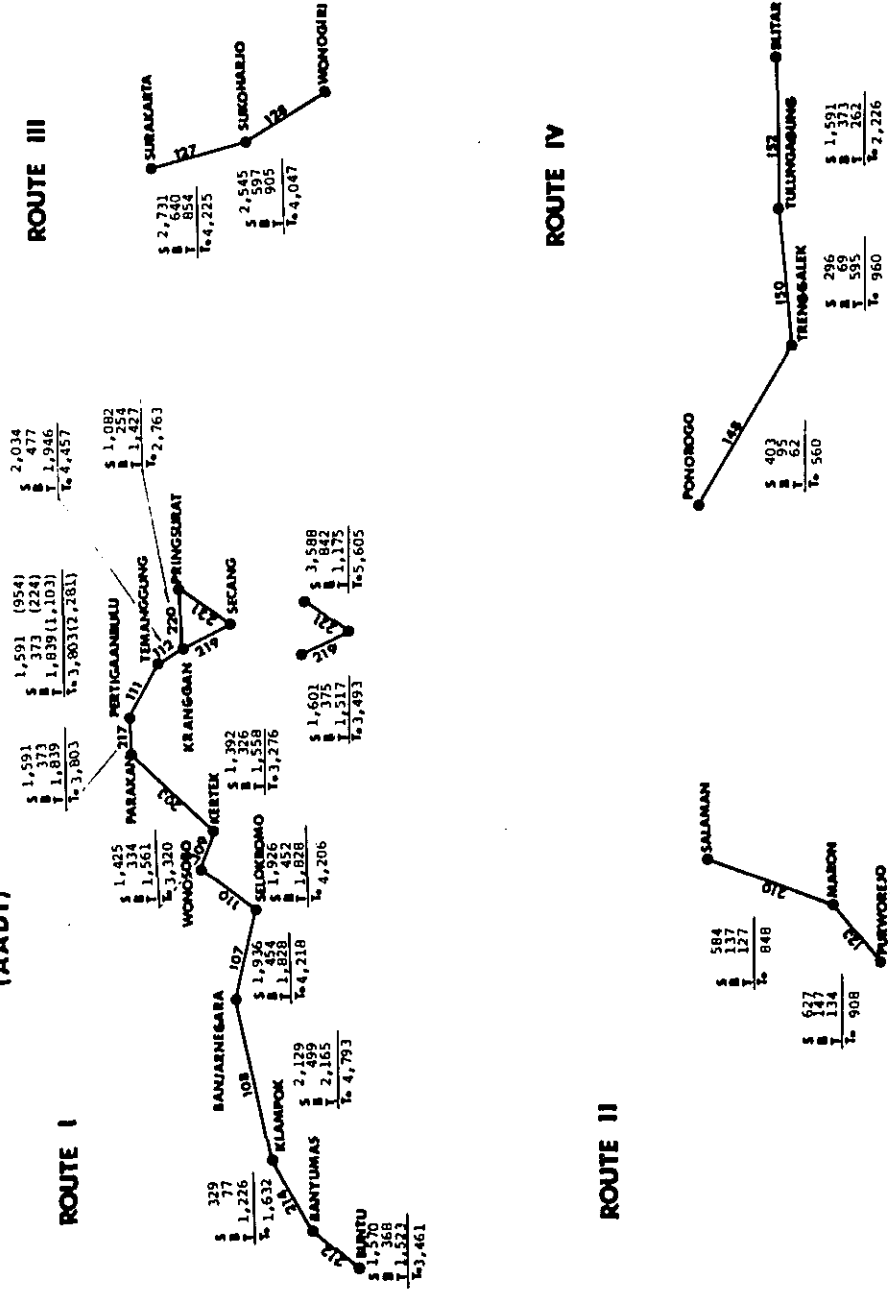
Link	SURAKARTA <u>127</u> SUKOHARJO				SUKOHARJO <u>128</u> WONOGIRI			
	Sedan	Bus	Truck	Total	Sedan	Bus	Truck	Total
1980	2,731	640	854	4,225	2,545	597	905	4,047
81	2,841	666	848	4,355	2,646	621	899	4,166
82	2,951	692	841	4,484	2,748	644	893	4,285
83	3,601	718	835	4,614	2,850	668	886	4,404
84	3,171	744	828	4,743	2,951	692	880	4,523
85	3,281	770	822	4,873	3,052	716	874	4,642
86	3,407	799	830	5,036	3,168	743	883	4,794
87	3,533	829	837	5,199	3,283	770	892	4,945
88	3,659	858	845	5,362	3,399	797	900	5,096
89	3,785	888	852	5,525	3,514	824	909	5,247
90	3,911	917	860	5,688	3,630	851	918	5,399
91	4,012	941	883	5,836	3,724	873	942	5,539
92	4,112	965	906	5,983	3,817	895	965	5,677

App. Table IV B-8 PLAN-II (ROUTE IV PONOROGO - BLITAR)

Link	PONOROGO <u>148</u> TRENGGALEX				TRENGGALEX <u>150</u> TULUNGAGUNG				TULUNGAGUNG <u>152</u> BLITAR			
	Sedan	Bus	Truck	Total	Sedan	Bus	Truck	Total	Sedan	Bus	Truck	Total
1980	403	95	62	560	296	69	595	960	1,591	373	262	2,226
81	454	107	93	654	387	91	600	1,078	1,729	406	271	2,406
82	505	119	124	748	479	112	605	1,196	1,868	438	280	2,586
83	557	131	154	842	570	134	611	1,315	2,007	471	288	2,766
84	608	143	185	936	662	155	616	1,433	2,146	503	297	2,946
85	659	155	216	1,030	753	177	621	1,551	2,284	536	306	3,126
86	741	174	248	1,163	836	196	640	1,672	2,484	583	329	3,396
87	824	193	280	1,297	918	215	659	1,792	2,684	530	352	3,666
88	906	212	313	1,431	1,000	235	677	1,912	2,885	677	374	3,936
89	988	232	345	1,565	1,082	254	696	2,032	3,085	724	397	4,206
90	1,070	251	377	1,698	1,165	273	715	2,153	3,285	771	420	4,476
91	1,112	261	391	1,764	1,210	284	741	2,235	3,413	801	435	4,649
92	1,153	271	404	1,828	1,256	294	767	2,317	3,541	831	450	4,822

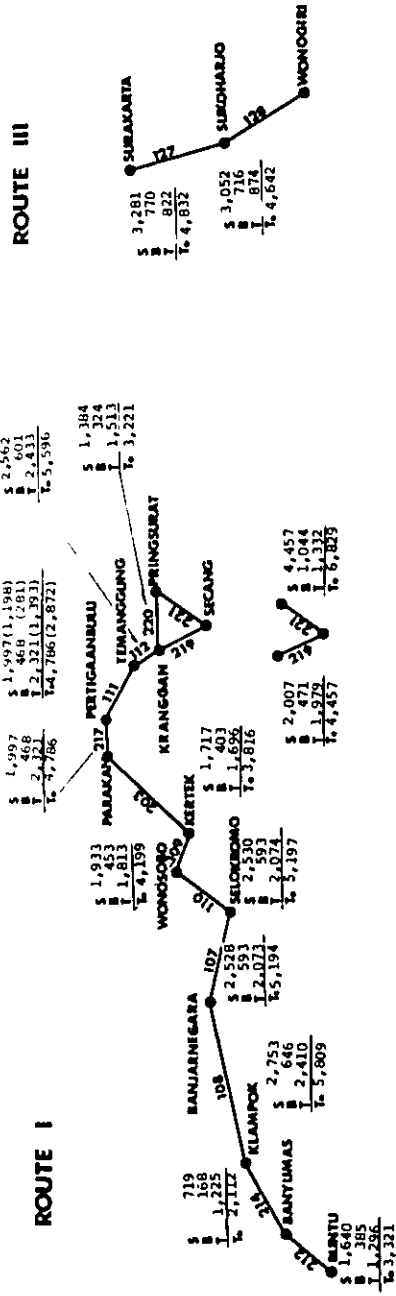
App. Table IV c TRAFFIC ASSIGNMENT (Fig.) App. Table IV C-1 PLAN-I (1980) AADT

TRAFFIC ASSIGNMENT (1980) PLAN I

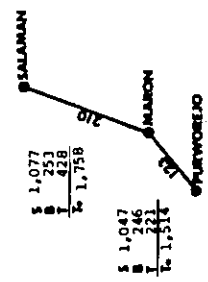


S: Sunda
B: Baw
T: Total
T: Total
UNIT: VEHICLE/KM

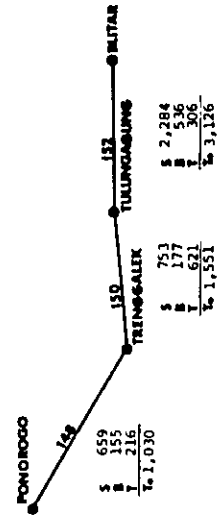
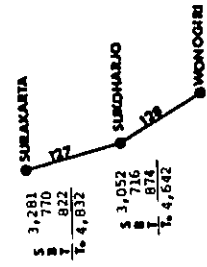
TRAFFIC ASSIGNMENT (1985) PLAN I
(AADT)



ROUTE II



ROUTE III



\$: Dollar
 R : Rupiah
 T : Ton
 K : Kilometer

UNIT : VEHICLE/HOUR

App. Table IV C-3 PLAN-I (1990) AADT

TRAFFIC ASSIGNMENT (1990) PLAN I (AADT)

ROUTE I

1,056
248
1,339
2,643
1,07

3,496
870
2,626

3,235
759
2,476

2,547
597
2,290

2,473
580
3,126

2,485
793
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ROUTE II

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ROUTE IV

1,070
571
1,696

1,070
571
1,696

1,070
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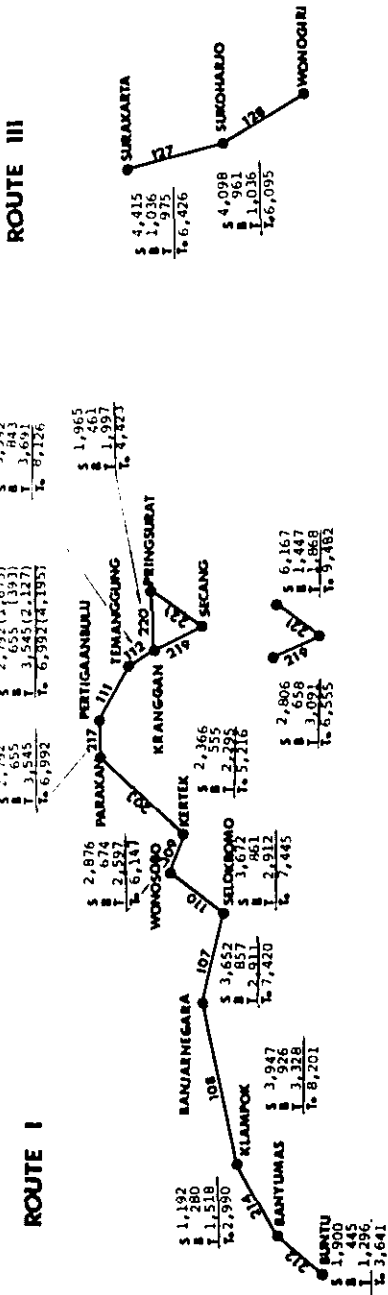
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1,696

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571
1,696

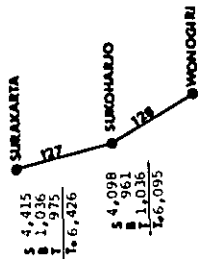
S: Sider
B: Bus
T: Truck
L: Trailer

UNIT: VEHICLE/DAY

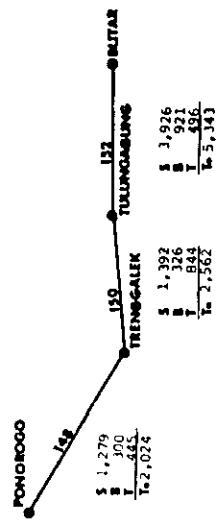
TRAFFIC ASSIGNMENT (1995) PLAN I
(AADT)



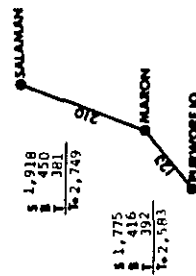
ROUTE III



ROUTE IV



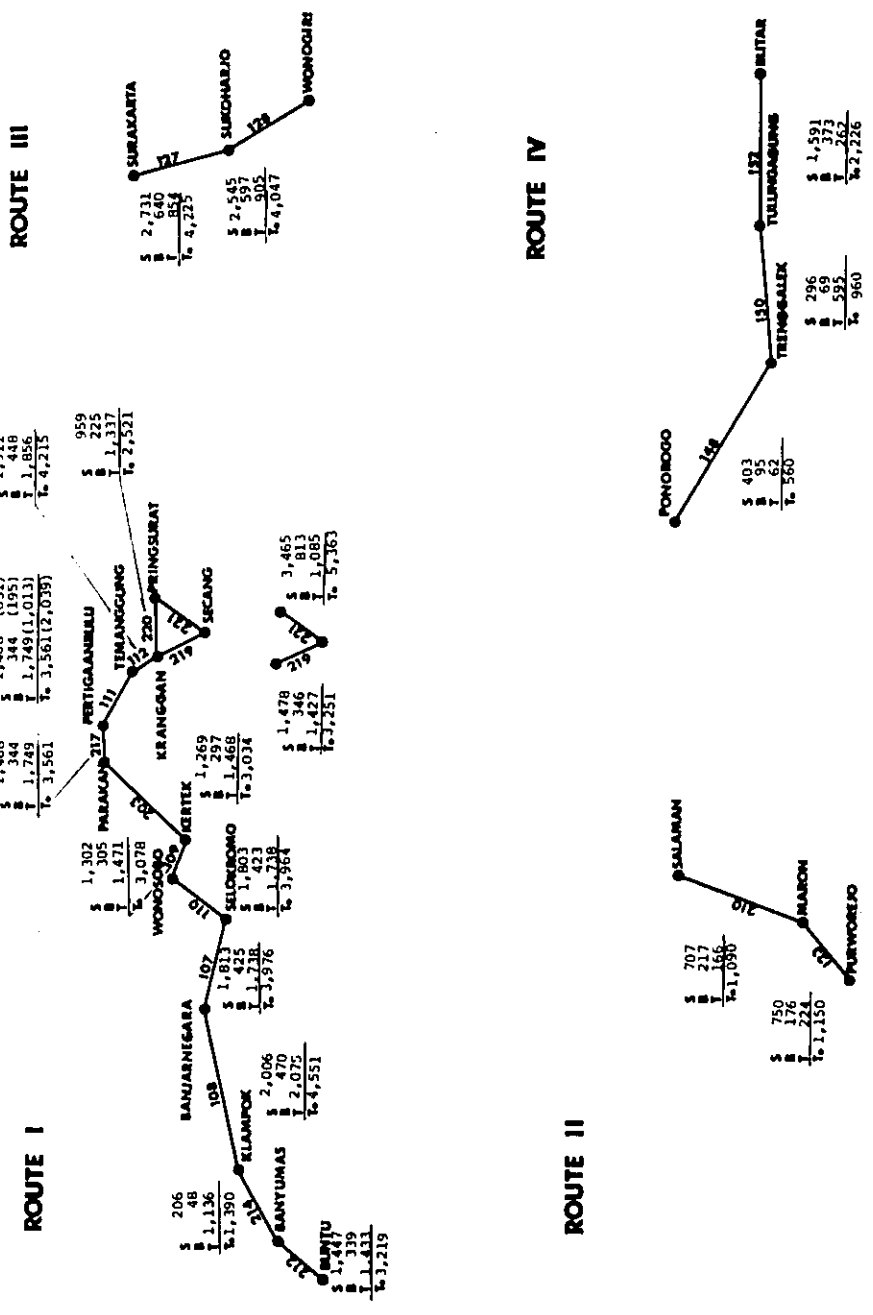
ROUTE II



S: Sedan
B: Bus
T: Truck
Total

UNIT: VEHICLE/HOUR

TRAFFIC ASSIGNMENT (1980) PLAN II (AADT)

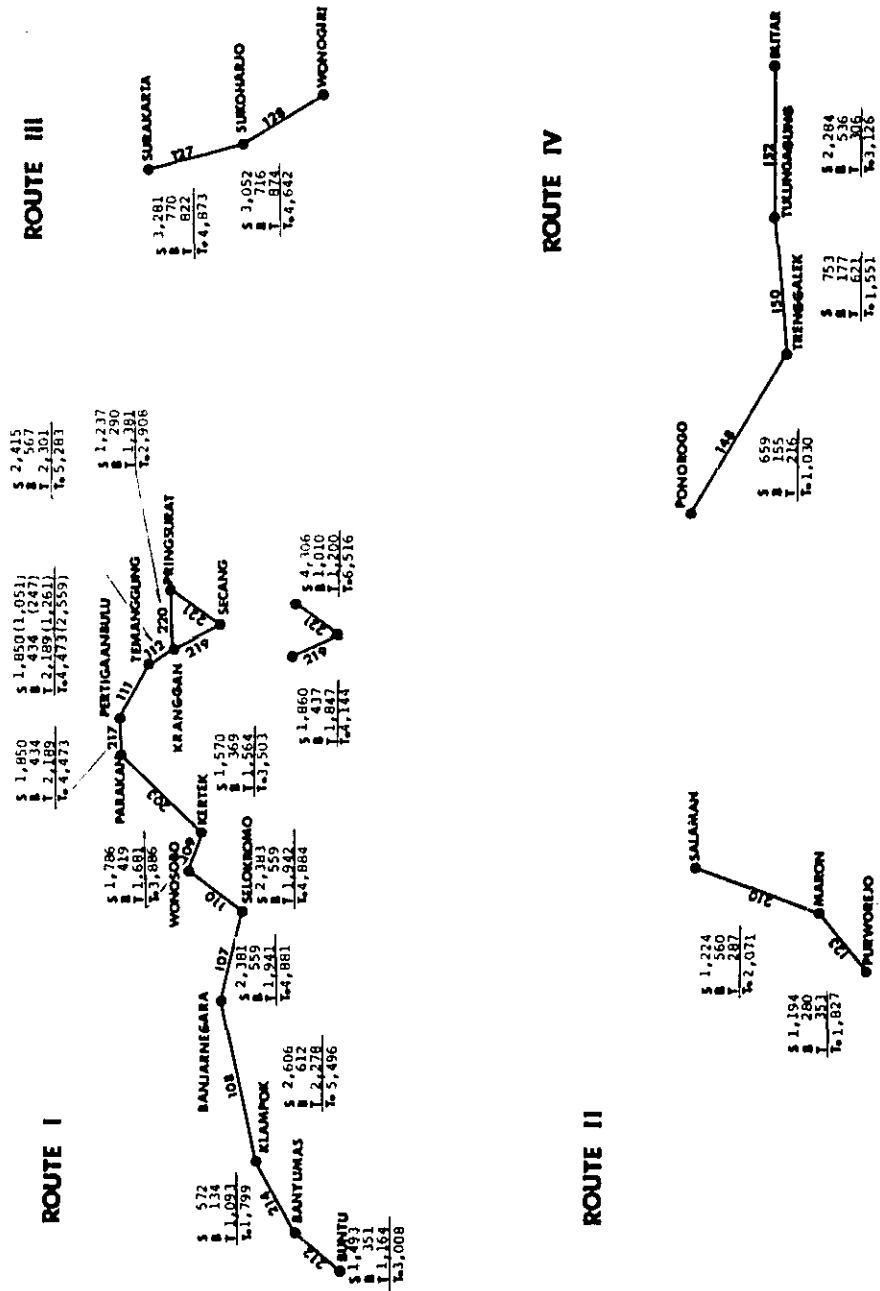


S: Suku
B: Bus
T: Truck
L: Lain

UNIT: VEHICLES/DAY

App. Table IV C-7 PLAN-II (1985) AADT

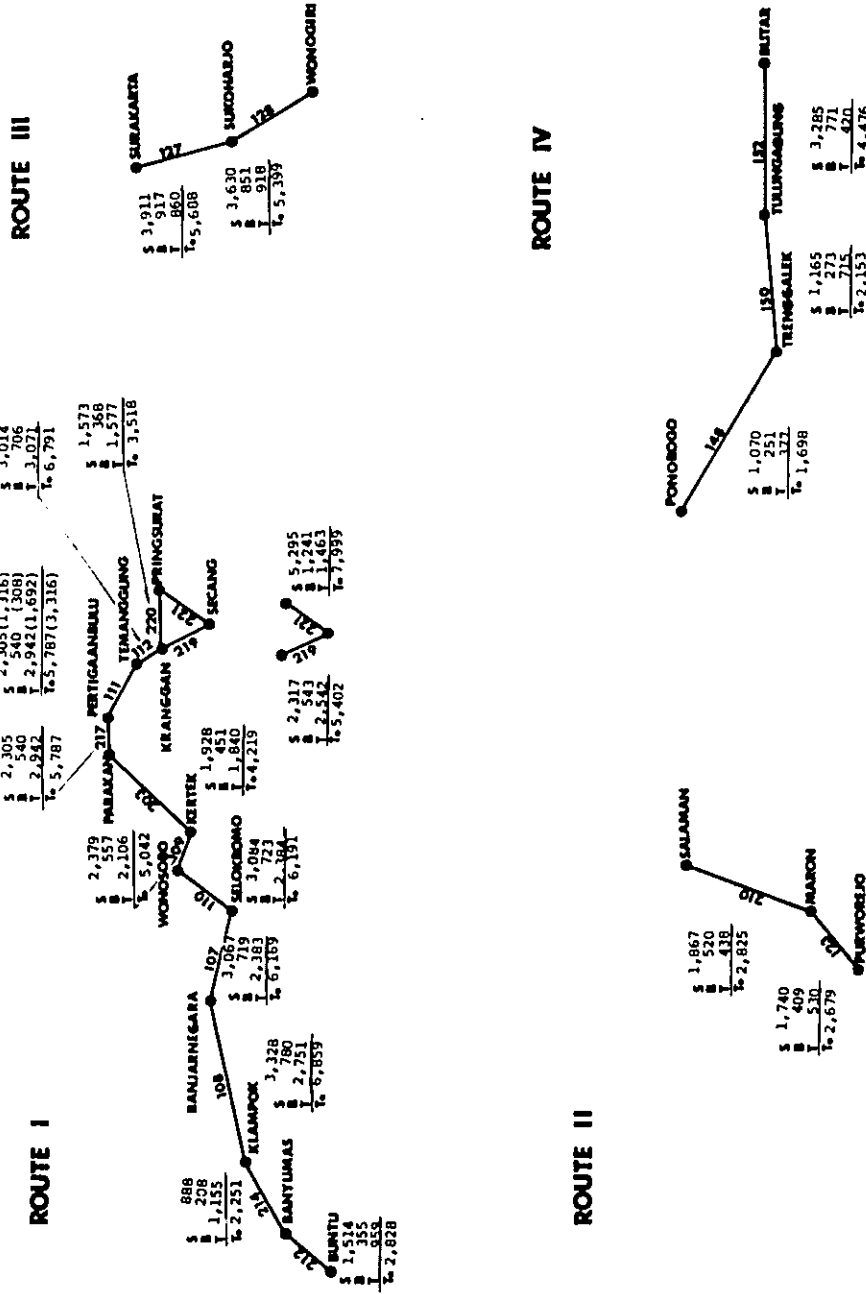
TRAFFIC ASSIGNMENT (1985) PLAN II (AADT)



S : Sunda
B : Bata
T : Tegal
T : Tegal

UNIT : VEHICLES / DAY

TRAFFIC ASSIGNMENT (1990) PLAN II (AADT)

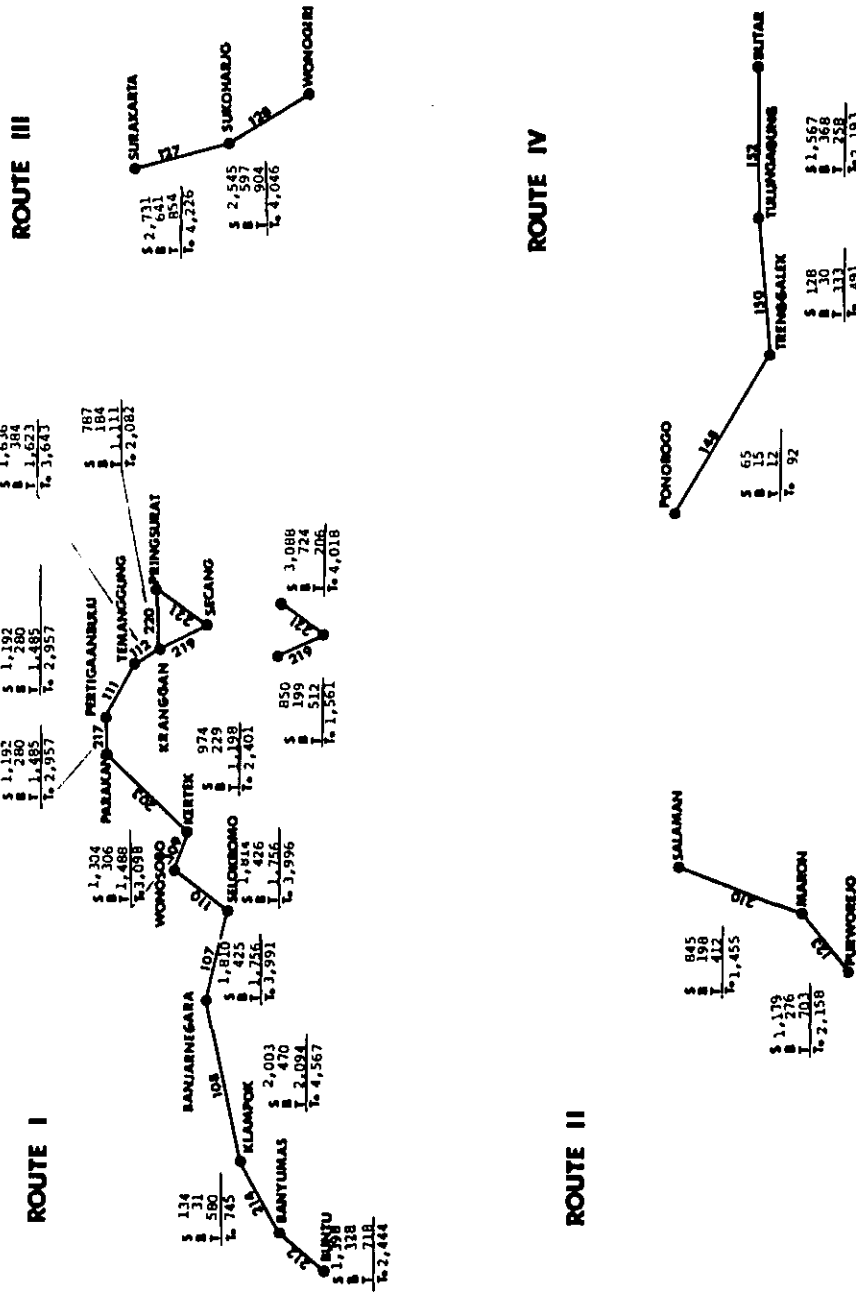


S : Sudut
 D : Datar
 T : Turun
 U : Naik

UNIT: VEHICLE / JAM

App. Table IV C-9 WITHOUT BETTERMENT (1980)

TRAFFIC ASSIGNMENT (1980) WITHOUT BETTERMENT (AADT)

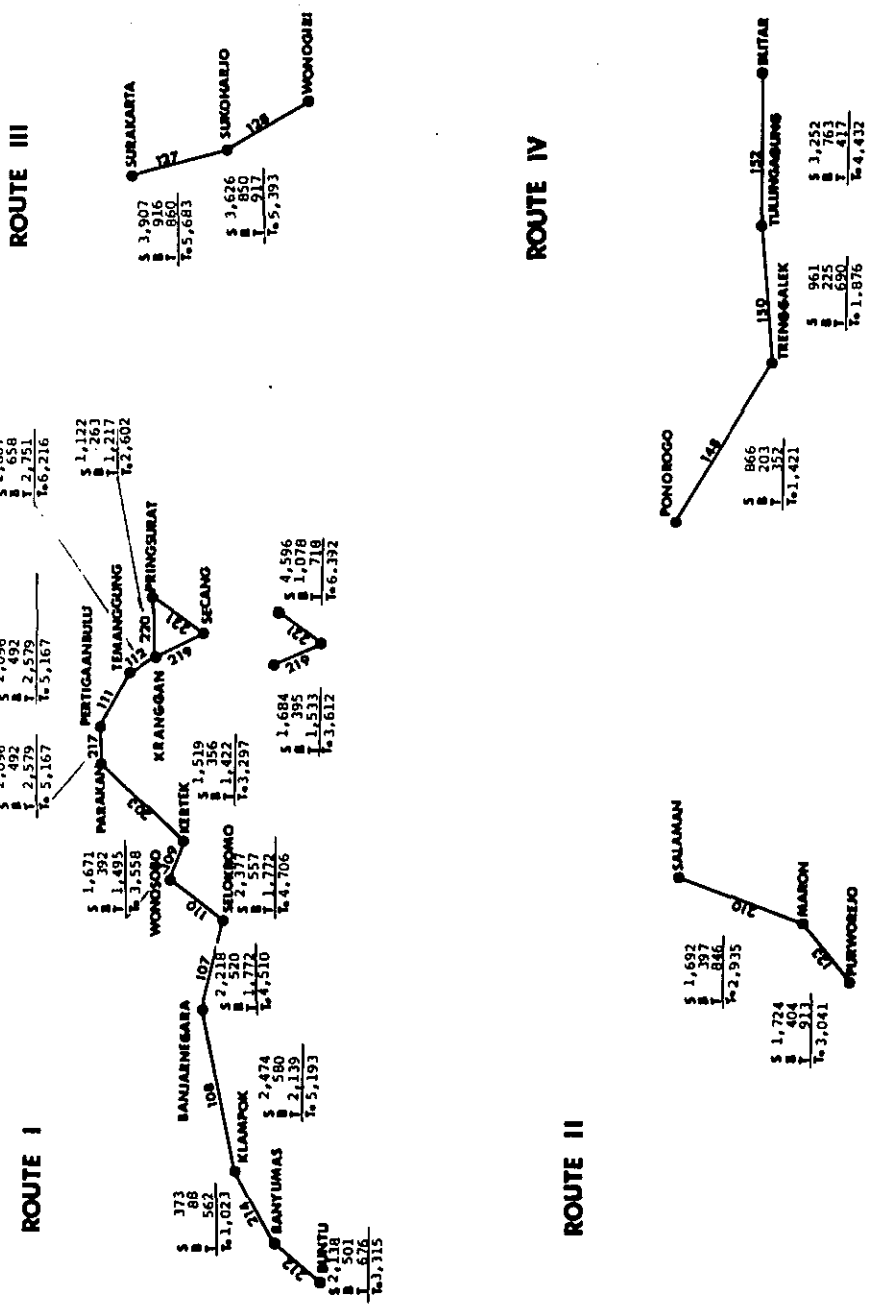


\$: Section
 B : Bus
 T : Truck
 T : Total

Source: www.cly.fair

APPENDIX TABLE IV C-10 WITHOUT BETTERMENT (1990)

TRAFFIC ASSIGNMENT (1990) WITHOUT BETTERMENT (AADT)



S: Station
B: Bus
T: Truck
T: Total

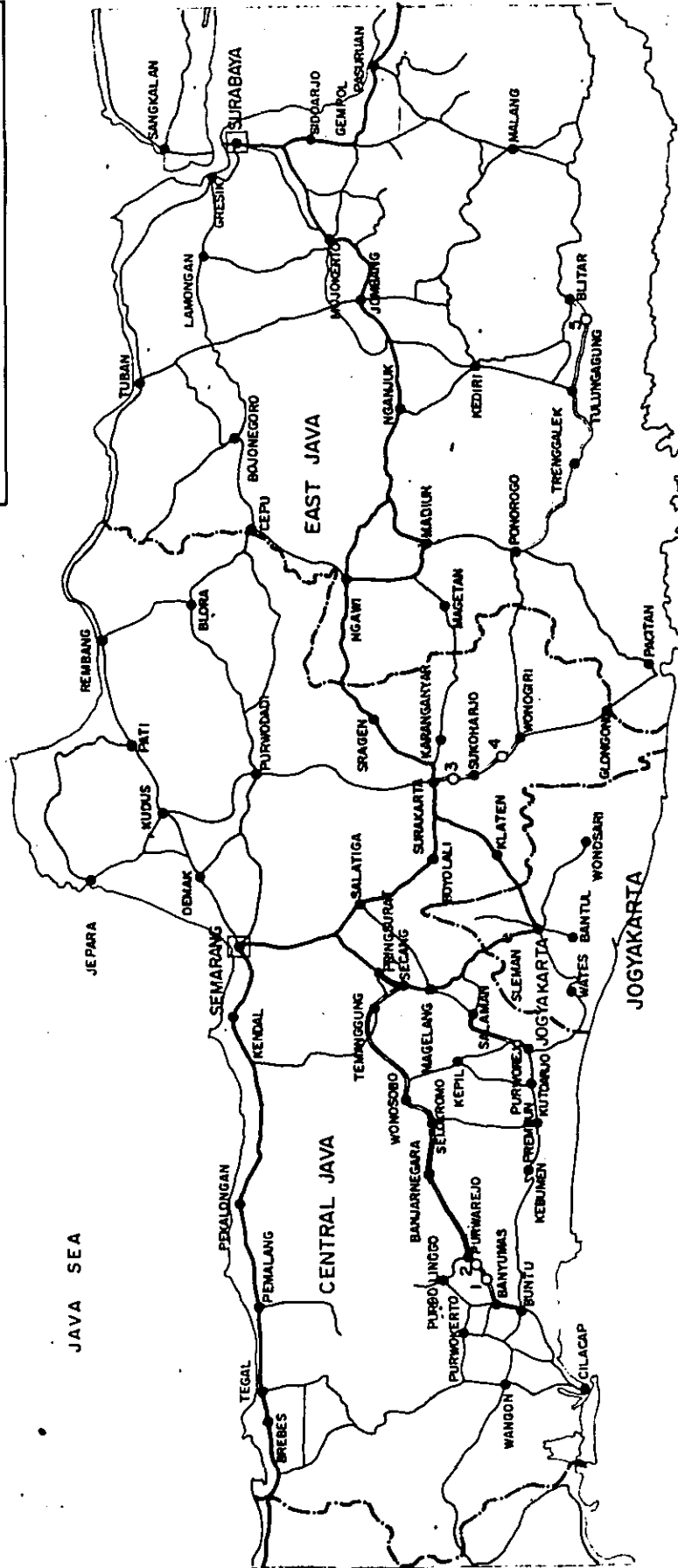
UNIT: VEHICLE/HOUR

第3部：第V章、第5節、土質概況用

Table VA: LOCATION MAP AND BORING LOG OF 5 MAJOR BRIDGE SITES

	LOCATION MAP	V -1
Table VA-1	BORING LOG AT GUMELEM BRIDGE SITE	V -2
Table VA-2	BORING LOG AT SAPI BRIDGE SITE	V -3
Table VA-3(1)	BORING LOG AT BACEM BRIDGE SITE (LEFT BANK)	V -4
Table VA-3(2)	BORING LOG AT BACEM BRIDGE SITE (RIGHT BANK)	V -5
Table VA-4	BORING LOG AT NGUTER BRIDGE SITE	V -6
Table VA-5	BORING LOG AT TRISULA BRIDGE SITE	V -7

LOCATION MAP OF CENTRAL AND EAST JAVA ROAD BETTERMENT PROJECT



- LEGEND**
- NATIONAL ROAD
 - PROVINCIAL ROAD
 - PROVINCIAL CAPITAL
 - MAIN TOWN
 - - - PROVINCIAL BOUNDARY
 - SELECTED ROUTE
 - ROUTE I (BUNTU - PRINGSURAT)
 - ROUTE II (SALAMAN - PURWOREJO)
 - ROUTE III (SURAKARTA - WONOGIRI)
 - ROUTE IV (PONOREGO - BLITAR)
 - ⊓ SELECTED MAJOR BRIDGE SITE
 - 1. GUMELEM BRIDGE
 - 2. SAPI BRIDGE
 - 3. BACEM BRIDGE
 - 4. NGUTER BRIDGE
 - 5. TRISULA BRIDGE

INDIAN OCEAN
(INDOONESIAN OCEAN)

SCALE



Table VA-1 BORING LOG AT GUMELEM BRIDGE SITE

B O R I N G L O G

P. T. ...

LOCATION : GUMELEM, SUSUKAN, CENTRE JAVA.

GROUND ELEVATION : -6.20 M FROM ROAD LEVEL

DATE FROM : DECEMBER 19 TO DECEMBER 21, 1975.

GROUND WATER LEVEL :

SCALE M	DEPTH M	DIAGRAM	COLOUR	SOIL NAME	DESCRIPTION	STANDARD PENETRATION TEST				SAMPLE			
						DEPTH M	BLOWS/CM	CURVE OF BLOWS				METHOD	DEPTH
								10	20	30	40		
0													
1					Cobbles and riverstones.								
2	2.00												
3			Yellowish grey.	Silty clay	Hard, containing hard cemented gravelly fragments.	3.00 3.30	23/30						
4	4.50												
5				Clayey sand	Coarse.	5.00 5.30	4/30						
6	6.00		Yellowish Dark grey	Silty clay.	Hard cemented.	6.00 6.30	29/30						
7	7.00					7.00 7.30	7/30						
8			Brownish grey	Clay.									
9	9.00					9.00 9.30	41/30						
10	10.50		Yellowish brown.	Silty clay	Hard cemented								
11			Brownish & dark grey.	Clayey sand-stone	Soft & very brittle.	11.00 11.26	55/26						
12	12.00		Brownish grey.	Clayey silt		12.00 12.30	13/30						
13	13.00		Yellowish brown	Clayey gre-velish sand		13.00 13.25 14.00	51/25 50/8						
14						14.00 14.08							

Table VA-2 BORING LOG AT SAPI BRIDGE SITE

P T

LOCATION : KALI SAPI, KAPANGJATI, CENTRE JAVA.
 DATE FROM : DECEMBER 23 TO DECEMBER 26, 1975.

GROUND ELEVATION : -3.5
 GROUND WATER LEVEL :


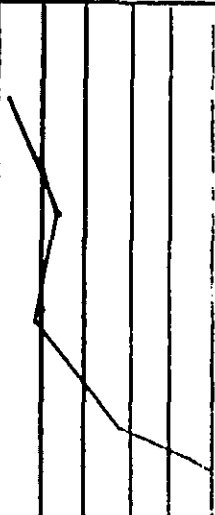



DEPTH M	DIAGRAM	COLOUR	SOIL NAME	DESCRIPTION	STANDARD PENETRATION		
					DEPTH M	BLONE/CM	CURVE OF SPT
0							
1.00		Bronish grey.	Clay.		1.00	3/30	
1.30							
3.00		Bronish dark grey	Sandy silt		3.00	13/30	
3.30							
5.00		Black	Gravel	Angular shape.	5.00	9/30	
5.30							
7.00		Black	Gravelly sand.		7.00	28/30	
7.30							
7.50					7.50	46/30	
7.80							
8.00					8.00	52/22	
8.22							
8.30					8.30	55/15	
8.45							

Table VA-3(1) BORING LOG AT BACEM BRIDGE SITE (LEFT BANK)

BACEM (FOR SOLO)
 LOCATION : BALI BENGAWAN SCLO, CENTRE JAVA. GROUND ELEVATION : +3.00 M FROM ROAD LEVEL
 DATE FROM : DECEMBER 26, TO DECEMBER 27, 1975. GROUND WATER LEVEL :

M	SCALE	DEPTH	DIAGRAM	COLOUR	SOIL NAME	DESCRIPTION	STANDARD PENETRATION TEST				SAMPLE		
							DEPTH	BLOWS/CM	CURVE OF BLOWS			NO	TYPE
								10	20	30	40		
0													
1													
2													
3													
4				Black	Sand	Medium and coarse.	3.00	27/30					
5							3.00						
6							5.00	10/50					
7							7.00						
8							7.00	14/30					
9				Black	finely sand.		9.00						
10							9.00	16/15					
11							11.00						
12							11.00	8/30					
13				Dark	Clay	Stiff with some hard sandy fragments.	11.00						
14							11.00	15/30					
15							11.00						
16							11.00	10/10					
17							11.00						
18				Black	Silty clay	Hard.	17.00						
19							17.00	45/10					
20							21.00						
21							21.00	50/16					
22							21.74						
23				Dark yellowish grey.	Silty clay	Hard.	22.00						
24							22.00	27/30					
25							22.00						
26							22.00	11/30					
27							22.00						
28				Dark yellowish grey.	Layer silt	Very stiff, brittle.	23.00						
29							23.00	26/30					
30							23.00						
31				Dark yellowish grey.	Silt	Very stiff, brittle.	24.00						
32							24.00	14/30					
33							24.00						
34				Black	Silty clay	Medium stiff.	24.00						
35							24.00	20/30					
36							24.00						
37							24.00	45/10					
38							24.00						

Table VA-3(2) BORING LOG AT BACEM BRIDGE SITE (RIGHT BANK)

B O R I N G L O G

P. T.

BACE M. (FOR WONOGIRI)

LOCATION
DATE FROM

KALI BENGAWAN SOLO, TELUKAN, CENTRE JAVA.
JANUARY 1 TO 3, 1976.

GROUND ELEVATION

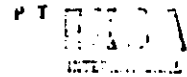
- 3.50 M FROM ROAD LEVEL.

GROUND WATER LEVEL

SCALE	DEPTH M	DIAGRAM	COLOUR	SOIL NAME	DESCRIPTION	STANDARD PENETRATION TEST				SAMPLE									
						DEPTH M	BLOWS/CM	CURVE OF BLOWS				METHOD	DEPTH GL. M						
								10	20	30	40								
0						1.00	2/30												
1						1.30													
2																			
3			Dark brown	Silty clay		3.00	3/30												
4						3.30													
5						5.00	5/30												
6						5.30													
6.55																			
7						7.00	5/30												
8						7.30													
9			Dark grey	Sandy clay		9.00	6/30												
10						9.30													
11						11.00	15/30												
12						11.30													
12.35																			
13						13.00	9/30												
14			Dark grey	Clayey sand		13.30													
15						15.00	8/30												
16						15.30													
16.75																			
17						17.00	11/30												
18			Dark grey	Silty clay	Hard.	17.30													
19						19.00	22/30												
20						19.30													
20.65																			
21						21.00	50/23												
22			Black	Silt	Hard.	21.23													
23						23.00	43/30												
24						23.30													
23.80																			
25			Black	Siltstone		25.00	50/30												
26						25.38													

Table VA-4 BORING LOG AT NGUTER BRIDGE SITE

B O R I N G L O G



LOCATION : KALI BENGAWAN SOLO, NGUTER, CENTRE JAVA.

GROUND ELEVATION : -2.50 M FROM ROAD LEVEL

DATE FROM : DECEMBER 29 TO DECEMBER 30, 1976.

GROUND WATER LEVEL :

SCALE M	DEPTH M	DIAGRAM	COLOUR	SOIL NAME	DESCRIPTION	STANDARD PENETRATION TEST			METHOD	DEPTH M
						DEPTH M	BLOWS/CM	CURVE OF BLOWS		
0				Dark grey	Sand.					
1	0.80				Coarse.					
2										
3						3.00	4/30			
4						3.30				
5			Greyish brown.	Silty clay.		5.00	6/30			
6						5.30				
7						7.00	12/30			
8						7.30				
9	8.45					9.00	9/30			
10						9.30				
11						11.00	22/30			
12						11.30				
13			Yellowish brown.	Silty clay.		13.00	14/30			
14						13.30				
15						15.00	11/30			
16						15.30				
17						17.00	12/30			
18	17.65					17.30				
19						19.00	13/30			
20						19.30				
21						21.00	19/30			
22			Dark grey	Silty clay.		21.30				
23						23.00	32/30			
24						23.30				
25			Dark grey	Clayey silt		25.00	51/30			
26						25.30				

Table VA-5 BORING LOG AT TRISULA BRIDGE SITE

LOCATION : KALI BRANTAS, EAST JAVA. GROUND ELEVATION : -4.50 M FROM ROAD LEVEL.
 DATE FROM : DECEMBER 28, 1975 TO JANUARY 1, 1976. GROUND WATER LEVEL :

SOIL DEPTH (M)	SOIL TYPE	COLOR	S. I. NAME	DESCRIPTION	STANDARD PENETRATION TEST				SAMPLE NO.		
					NO. OF BLOWS	BLANKETS	CURVE OF BLOWS				
							10	20	30	40	
0											
1					1.00	1/30					
2		Black	Sand.		1.10	11/30					
3					1.30	12/30					
4					1.50	13/30					
5		Black	Sand	Coarse.	1.80	14/30					
6					2.00	15/30					
7					2.20	16/30					
8		Yellowish brown.	Silt.		2.50	17/30					
9				Very hard.	3.00	18/30					
10					3.10	19/30					
11					3.50	20/30					
12		Yellowish gray.	Silt.	Hard, brittle.	4.00	21/30					
13					4.10	22/30					
14					4.50	23/30					
15					4.80	24/30					
16					5.00	25/30					
17		Yellowish gray.	Siltstone.	Brittle.	5.10	26/30					
18					5.20	27/30					
19					5.50	28/30					
20					5.60	29/30					
21		Black.	Sandy clay.	Stiff.	6.00	30/30					
22					6.10	31/30					
23					6.50	32/30					
24					6.60	33/30					
25					7.00	34/30					
26					7.10	35/30					
27		Dark gray	Sandy silt.	Hard.	7.50	36/30					
28					7.60	37/30					
29					8.00	38/30					
30					8.10	39/30					
31		Light gray.	Sandy silt.		8.50	40/30					
32					8.60	41/30					
33					9.00	42/30					
34					9.10	43/30					
35					9.50	44/30					
36					9.60	45/30					
37		Dark gray			10.00	46/30					
38					10.10	47/30					
39					10.50	48/30					
40					10.60	49/30					
41		Dark gray	Siltstone.		11.00	50/30					
42					11.10	51/30					
43					11.50	52/30					
44			sandy	A little.	12.00	53/30					
45					12.10	54/30					
46					12.50	55/30					
47					12.60	56/30					