

(3) 技術向上と人的資源の開発方法

(A) 技術の向上と人的資源の開発について取っている方法

回答	項目	研修センターにおける研修	ワークショップ又はセミナーへの参加	海外企業への派遣研修	外国資本との提携によるジョイントベンチャー	海外企業との形態による技術移転	公的支援による技術支援	民間コンサルタントによる技術支援	顧客による技術的アドバイス	その他
はい		13	16	2	2	1	4	6	14	1
いいえ		7	4	18	18	19	16	14	6	19

(B) 技術支援プロジェクト・プログラムの活用方法

	CICにおける研修及びセミナー	CIC共同訓練施設の利用	海外のデザインコンサルタント	FAMSによる海外販売ミッション	CITPMによるマニラFAMS	国内のリソースミッション
常に活用	9	8	10	12	17	7
たまに活用	8	8	5	5	0	2
活用したことがない	2	3	3	2	1	8

(C) 技術支援プロジェクト・プログラムの情報ソース

	マスメディアによる	広報による	関係各協会を通じて	他企業からの情報による	その他
はい	3	2	18	2	3
いいえ	17	18	2	18	17

(D) 公的機関より供給されるサービスの支援と評価

	サービス支援の内容	サービス支援のレベル	サービス支援の質	サービス支援の対価	要求にあったサービス	技術支援サービス	サービス支援の組織的能力
満足	1	2	1	0	3	4	3
良い又は妥当	7	7	8	6	5	4	8
良い	6	7	6	10	8	7	4
不満足	1	0	1	0	1	1	1

(3) 技術向上と人的資源の開発方法

(A) 技術の向上と人的資源の開発について取っている方法

項目 回答	訓練センターにおける訓練	ワークショップ又はセミナーへの参加	海外企業への派遣訓練	外資資本との提携によるジョイントベンチャー	海外企業との形態による技術移転	公的支援による技術支援	民間コンサルタントによる技術支援	顧客による技術的アドバイス	その他
はい	13	16	2	2	1	4	6	14	1
いいえ	7	4	18	18	19	16	14	6	19

(B) 技術支援プロジェクト・プログラムの活用方法

	CICにおけるトレーニング及びセミナー	CIC共同訓練施設プログラム	海外のデザインコンソリダント	FAMEによる海外販売ミッション	CITEMによるマニラFAMB	国内のリソースミッション
常に活用	9	8	10	12	17	7
たまに活用	8	8	5	5	0	2
活用したことがない	2	3	3	2	1	8

(C) 技術支援プロジェクト・プログラムの情報ソース

	マスメディアによる	広報による	関係各協会を通じて	他企業からの情報による	その他
はい	3	2	18	2	3
いいえ	17	18	2	18	17

(D) 公的機関より供給されるサービスの支援と評価

	サービス支援の内容	サービス支援のレベル	サービス支援の質	サービス支援の対価	要求にあったサービス	技術支援サービス	サービス支援の組織的能力
満足	1	2	1	0	3	4	3
良い又は妥当	7	7	8	6	5	4	8
良い	6	7	6	10	8	7	4
不満足	1	0	1	0	1	1	1

(E) 公的機関が供給するサービスの内容改善・拡張に対する希望

主として以下が挙げられた。

- ・技術援助
- ・マーケティング
- ・新規原材料入手のためのアクセス方法
- ・デザインコンサルタントの確保
- ・政府によるプロモーション活動の拡大
- ・生産設備の紹介

(4) 資金運営

(A) 資金調達の方法

	運営資金						設備資金					
	商業銀行	国立銀行	協同組合	その他金融機関	非金融機関融資	その他	商業銀行	国立銀行	協同組合	その他金融機関	非金融機関	その他
利用したことがある	14	1	0	1	1	3	6	1	0	0	0	4
利用したことがない	6	19	20	19	19	17	14	19	20	20	20	16

(E) 公的機関が供給するサービスの内容改善・拡張に対する希望

主として以下が挙げられた。

- ・技術援助
- ・マーケティング
- ・新規原材料入手のためのアクセス方法
- ・デザインコンサルタントの確保
- ・政府によるプロモーション活動の拡大
- ・生産設備の紹介

(4) 資金運営

(A) 資金調達の方法

	運営資金						設備資金					
	商業銀行	国立銀行	信用組合	その他金融機関	非金融機関融資	その他	商業銀行	国立銀行	信用組合	その他金融機関	非金融機関	その他
利用したことがある	14	1	0	1	1	3	6	1	0	0	0	4
利用したことがない	6	19	20	19	19	17	14	19	20	20	20	16

(B) 金融制度スキームの存在について

	Term-lending loan for the acquisition of fixed assets			Export development plan			Credit guarantee	
	DTI-BSMDD	SBGFC	DBP	DBP	Special Financing Assistance to SME(SFA-SMEX)	Easy Term-loan for Exporter (LBP)	Guarantee facility (SBGFC)	Guarantee for SME (GFSMB)
知っている	3	7	2	0	3	0	4	2
知らない	17	13	18	20	17	20	16	18

(C) 金融制度スキームの利用経験

	Term-lending loan for the acquisition of fixed assets			Export development plan			Credit guarantee	
	DTI-BSMDD	SBGFC	DBP	DBP	Special Financing Assistance to SME(SFA-SMEX)	LBP	Guarantee facility (SBGFC)	Guarantee for SME (GFSMB)
利用したことがある	0	0	0	0	0	0	1	0
利用したことがない	13	12	13	12	12	12	11	12

1.2.4.6. オーレオケミカルズ

(1) 企業形態と経営環境

(A) 5年前との経営状況の比較

	生産量	輸出量	売上	利益	従業員数
著しく増加した	0	0	1	0	0
僅かに増加した	2	1	4	0	1
変わらない	3	3	1	3	3
減少した	1	2	0	3	2

(B) 金融制度スキームの存在について

	Term-lending loan for the acquisition of fixed assets			Export development plan			Credit guarantee	
	DII-BSMDD	SBGFC	DBP	DBP	Special Financing Assistance to SME(SFA-SMEX)	Easy Term-loan for Exporter (LBP)	Guarantee facility (SBGFC)	Guarantee for SME (GF-SME)
知っている	3	7	2	0	3	0	4	2
知らない	17	13	18	20	17	20	16	18

(C) 金融制度スキームの利用経験

	Term-lending loan for the acquisition of fixed assets			Export development plan			Credit guarantee	
	DII-BSMDD	SBGFC	DBP	DBP	Special Financing Assistance to SME(SFA-SMEX)	LBP	Guarantee facility (SBGFC)	Guarantee for SME (GF-SME)
利用したことがある	0	0	0	0	0	0	1	0
利用したことがない	13	12	13	12	12	12	11	12

1.2.4.6. オーレオケミカルズ

(1) 企業形態と経営環境

(A) 5年前との経営状況の比較

	生産量	輸出量	売上	利益	従業員数
著しく増加した	0	0	1	0	0
僅かに増加した	2	1	4	0	1
変わらない	3	3	1	3	3
減少した	1	2	0	3	2

(B) 5年前との経営環境比較

	輸出市場	国内市場	金融状況	その他の状況
向上した	0	0	0	0
変化なし	2	5	3	1
低下した	4	1	1	1

(C) 過去5年間の経営状況に影響を及ぼした要素

	市場/ 輸出市場環境	輸出市場 占有率	輸出価 格	国内市場	国内市場 占有率	国内価 格	製造価格
拡大した	3	1	2	3	2	1	3
変化なし	1	1	2	1	1	3	1
減少した	1	3	1	1	1	0	0

(D) 製品と製造に関わる競争状況 (5年前との比較)

	製品の 多様化	製品の グレード	製品の 品質	不良率	顧客からの 問い合わせ	労働者の 生産性	従業員一 人当りの	リード タイム	納品
非常に 向上した	0	0	0	1	2	1	3	3	3
僅かに 向上した	3	4	4	3	2	3	0	1	1
変わらない	1	0	0	0	0	0	1	0	0

(E) 現在直面している問題点

	資金調達	熟練技術 者の不足	旧式化した 製造設備	旧式の技 術	価格競争	製造レベ ル・品質の 低下	売上拡大の 困難さ	その他
はい	0	0	2	1	4	0	2	2
いいえ	6	6	4	5	2	6	4	4

(B) 5年前との経営環境比較

	輸出市場	国内市場	金融状況	その他の状況
向上した	0	0	0	0
変化なし	2	5	3	1
低下した	4	1	1	1

(C) 過去5年間の経営状況に影響を及ぼした要素

	市場/輸出市場環境	輸出市場占有率	輸出価格	国内市場	国内市場占有率	国内価格	製造価格
拡大した	3	1	2	3	2	1	3
変化なし	1	1	2	1	1	3	1
減少した	1	3	1	1	1	0	0

(D) 製品と製造に関わる競争状況（5年前との比較）

	製品の多様化	製品のグレード	製品の品質	不良率	顧客からの損害/クレーム	労働者の生産性	従業員一人当たりの	リードタイム	納期
非常に向上した	0	0	0	1	2	1	3	3	3
僅かに向上した	3	4	4	3	2	3	0	1	1
変わらない	1	0	0	0	0	0	1	0	0

(E) 現在直面している問題点

	資金調達	熟練技術者の不足	旧式化した製造設備	旧式の技術	価格競争	製造レベル・品質の低下	売上拡大の困難さ	その他
はい	0	0	2	1	4	0	2	2
いいえ	6	6	4	5	2	6	4	4

(2) 企業経営及び管理努力

(A) 経営改善のための目標設定

	製品の改修と多様化	市場拡大の努力	製造技術の改善	製造設備の近代化	生産管理システムの向上	品質管理システムの改善	原価削減	労働生産性の改善
はい	1	2	4	3	3	3	2	3
いいえ	5	4	2	3	3	3	4	3

(3) 技術向上と人的資源の開発方法

(A) 技術の向上と人的資源の開発について取っている方法

	お取引先への研修	文庫の参加	海外企業への派遣	外国資本との提携	海外企業との技術提携	公的支援による技術支援	民間企業による技術提携	顧客による技術提携	その他
はい	2	5	1	2	2	0	4	4	0
いいえ	4	1	5	4	4	6	2	2	6

(B) 技術支援プロジェクト・プログラムの活用方法

	安定供給のためのハイブリットプラントのプロジェクト	品質向上のための新乾燥技術の紹介	アグロインダストリーパーク	POMAとの共同R&D	原材料の非課税化促進
常に活用	1	3	1	1	2
たまに活用	0	0	1	0	0
活用したことがない	3	2	3	2	1

(C) 技術支援プロジェクト・プログラムの情報ソース

	マスメディアによる	広報による	関係各協会を通じて	他企業からの情報による	その他
はい	0	0	2	2	0
いいえ	6	6	4	4	6

(2) 企業経営及び管理努力

(A) 経営改善のための目標設定

	製品の改善と多様化	市場拡大の努力	製造技術の改良	製造設備の近代化	生産管理システムの向上	品質管理システムの改善	価格削減	労働生産性の改善
はい	1	2	4	3	3	3	2	3
いいえ	5	4	2	3	3	3	4	3

(3) 技術向上と人的資源の開発方法

(A) 技術の向上と人的資源の開発について取っている方法

	お訓練する企業に	の又参加セミナー	海外企業への派遣	海外に資本と技術の移	転海外企業との技術移	技術的支援による	民間による技術	顧客による技術	その他
はい	2	5	1	2	2	0	4	4	0
いいえ	4	1	5	4	4	6	2	2	6

(B) 技術支援プロジェクト・プログラムの活用方法

	安定供給のためのハイブリッドアプリケーションの 프로모ーション	品質向上のための新鋭技術の紹介	アグロインダストリーパーク	POMAとの共同R&D	原材料の非課税化促進
常に活用	1	3	1	1	2
たまに活用	0	0	1	0	0
活用していません	3	2	3	2	1

(C) 技術支援プロジェクト・プログラムの情報ソース

	アスメダイによる	広報による	関係各協会を通じて	他企業からの情報による	その他
はい	0	0	2	2	0
いいえ	6	6	4	4	6

(D) 公的機関より供給されるサービスの支援と評価

	サービス支援の内容	サービス支援のレベル	サービス支援の質	サービス支援の対価	要求にあったサービス・タイミング	技術支援サービス	サービス支援の組織的能力
満足	0	0	0	0	0	0	1
良い又は妥当	0	0	1	1	1	1	1
良い	3	3	2	3	1	2	1
不満足	2	2	2	0	2	1	1

(E) 公的機関が供給するサービスの内容改善・拡張に対する希望

主として以下が挙げられた。

- ・投資促進のためのワンストップ・サービス
- ・政府からの支援
- ・ココナツオイルの価格安定
- ・R&D 促進のプロモーション継続
- ・エネルギー価格の安定
- ・設備投資資金の拡大
- ・レッドテープの削減

(4) 資金運営

(A) 資金調達の方法

	運営資金						設備資金					
	商業銀行	国立銀行	協同組合	その他金融機関	非組織金融機関融資	その他	商業銀行	国立銀行	協同組合	その他金融機関	非金融機関	その他
利用したことがある	4	0	0	0	0	0	1	1	0	0	0	1
利用したことがない	2	6	6	6	6	6	5	5	6	6	6	5

(D) 公的機関より供給されるサービスの支援と評価

	サービス支援の内容	サービス支援のレベル	サービス支援の質	サービス支援の対価	要求にあったサービス・タイミング	技術支援サービス	サービス支援の組織的能力
満足	0	0	0	0	0	0	1
良い又は妥当	0	0	1	1	1	1	1
良い	3	3	2	3	1	2	1
不満足	2	2	2	0	2	1	1

(E) 公的機関が供給するサービスの内容改善・拡張に対する希望

主として以下が挙げられた。

- ・投資促進のためのワンストップ・サービス
- ・政府からの支援
- ・ココナツオイルの価格安定
- ・R&D 促進のプロモーション継続
- ・エネルギー価格の安定
- ・設備投資資金の拡大
- ・レッドテープの削減

(4) 資金運営

(A) 資金調達の方法

	運営資金						設備資金					
	商業銀行	国立銀行	協同組合	その他金融機関	非組織金融機関融資	その他	商業銀行	国立銀行	協同組合	その他金融機関	非金融機関	その他
利用したことがある	4	0	0	0	0	0	1	1	0	0	0	1
利用したことがない	2	6	6	6	6	6	5	5	6	6	6	5

(B) 金融制度スキームの存在について

	Term-lending loan for the acquisition of fixed assets			Export development plan			Credit guarantee	
	DII-BSMBD	SBGFC	DBP	DBP	Special Financing Assistance to SME(SFA-SMEX)	LBP	Guarantee facility (SBGFC)	Guarantee for SMB (GFSMB)
知っている	1	2	3	2	0	1	1	1
知らない	5	4	3	4	6	5	5	5

(C) 金融制度スキームの利用経験

	Term-lending loan for the acquisition of fixed assets			Export development plan			Credit guarantee	
	DII-BSMBD	SBGFC	DBP	DBP	Special Financing Assistance to SME(SFA-SMEX)	LBP	Guarantee facility (SBGFC)	Guarantee for SMB (GFSMB)
利用したことがある	0	0	1	0	0	0	0	0
利用したことがない	2	2	2	4	4	4	4	3

(B) 金融制度スキームの存在について

	Term-lending loan for the acquisition of fixed assets			Export development plan			Credit guarantee	
	DII-BSMBD	SBGFC	DBP	DBP	Special Financing Assistance to SME(SFA-SMBX)	LBP	Guarantee facility (SBGFC)	Guarantee for SME (GFSME)
知っている	1	2	3	2	0	1	1	1
知らない	5	4	3	4	6	5	5	5

(C) 金融制度スキームの利用経験

	Term-lending loan for the acquisition of fixed assets			Export development plan			Credit guarantee	
	DII-BSMBD	SBGFC	DBP	DBP	Special Financing Assistance to SME(SFA-SMBX)	LBP	Guarantee facility (SBGFC)	Guarantee for SME (GFSME)
利用したことがある	0	0	1	0	0	0	0	0
利用したことがない	2	2	2	4	4	4	4	3

次頁以降に工業分野サブセクターへの質問状を掲載する。質問内容は 6 工業分野で共通であるが、質問 IV.b.(技術支援プロジェクト・プログラムの活用方法)は各セクターで異なる。その質問において、Project A, Project B としているのは下記によりそれぞれ読み替えていただきたい。

◆ 金属加工

Project A = Training Program/seminar in MIRDC

Project B = Training Program by TESDA

Project C = Reverse Trade Fair by CITEM/JETRO

Project D = Supporting Industry TA Program by JETRO

Project E = Information Exchange at Asian Die & Mold Association

◆ 家具

Project A = Design development program by PDDCP

Project B = Training provided in Furniture Training Center

Project C = Furniture City in Panpanga

Project D = Promotion of using domestic wood "Gmelina"

Project E = Philippine Furniture Show

◆ コンピュータソフトウェア

Project A = Training at Philippine Software Development Institute

Project B = Investment incentives from BOI

Project C = Government large-scale IT development project

Project D = IT Park (ECOZONE for IT)

◆ 玩具 (ぬいぐるみ)

Project A = Manila F.A.M.E.

Project B = Seminars or workshops held by PDDCP

Project C = Training by TLRC

Project D = Marketing activity support by CITEM

◆ ファッションアクセサリ (コスチュームジュエリー)

Project A = Technical training at Costume Jewelry Center (CJC)

Project B = Common facilities service at CJC

Project C = Foreign design consultant

Project D = Selling mission to abroad organized by FAME

Project E = Manila F.A.M.E. organized by CITEM

Project F = Resourcing Mission in Philippines

◆ **オーレオケミカルズ**

Project A = Promotion of hybrid coconut plantation for stable supply of coconut

Project B = Introducing new drying technology to improve the quality of fat

Project C = Coconut Agro industrial Park for downstream producer

Project D = R&D activities coordinating with POMA

Project E = Duty free of chemicals (raw materials)

QUESTIONNAIRE TO FIRMS

I. General Information

- 1) Name of Company _____
- 2) Main Office
 - Address: _____
 - Telephone No.: _____ Fax No.: _____
 - Contact Person: _____
- 3) Equity Investment/Ownership:
 - _____% Filipino
 - ◆ _____% Foreign, specify nationality _____
- 4) Year of establishment (commercial operation?)
- 5) Main product line of manufacturing _____
- 6) Current operation
 - ◆ Annual Sales Value:
 - ◆ Peso or US\$ equivalent
 - ◆ Percentage of direct and indirect exports in total sales: _____%
- 7) Number of employees: _____
- 8) Composition of import and local contents in material costs for production
 - Import content: _____ %
 - Local content: _____ %

II. Current situation of operation and business performance

(Please put a check in the appropriate box of each item.)

a. How would you rate the current operation of your company as compared to five years ago, in terms of the following?

	A	B	C	D
1. Output	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Export	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Sales value	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Profit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Employment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- (Note) A: Substantially increased
 B: Slightly increased
 C: Remains the same
 D: Decreased

b. How did the business climate and conditions of your company change in the past five years ago?

	A	B	C
1. Market conditions for exports	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Market conditions for local sales	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Financial conditions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Other business conditions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(Specify:)

- (Note) A: More favorable
 B: Similar
 C: More severe or unfavorable

c. What are the main factors that have positively or adversely affected changes in the operation and business of your company during the last five years?

1. Destination/markets for exports:	Expanded	<input type="checkbox"/>	Unchanged	<input type="checkbox"/>	Decreased	<input type="checkbox"/>
2. Market share in exports:	Increased	<input type="checkbox"/>	Unchanged	<input type="checkbox"/>	Decreased	<input type="checkbox"/>
3. Sales prices for exports:	Upward	<input type="checkbox"/>	Static	<input type="checkbox"/>	Downward	<input type="checkbox"/>
4. Outlet for domestic sales:	Expanded	<input type="checkbox"/>	Unchanged	<input type="checkbox"/>	Decreased	<input type="checkbox"/>

III. Management efforts paid or to be paid by your company

(Please put a check in the appropriate box selecting top three items.)

In what areas has your company devoted its effort to improve the operation and management of your company? (three items in past and three in future)

	Did in past	Will in future
1. Diversification and/or improvement of products	<input type="checkbox"/>	<input type="checkbox"/>
2. Marketing activities	<input type="checkbox"/>	<input type="checkbox"/>
3. Improvement of manufacturing technologies and process	<input type="checkbox"/>	<input type="checkbox"/>
4. Modernization of manufacturing equipment and facilities	<input type="checkbox"/>	<input type="checkbox"/>
5. Improvement of production control system	<input type="checkbox"/>	<input type="checkbox"/>
6. Improvement of quality management system	<input type="checkbox"/>	<input type="checkbox"/>
7. Cost reduction by resource and/or energy savings	<input type="checkbox"/>	<input type="checkbox"/>
8. Restructuring for raising labor productivity	<input type="checkbox"/>	<input type="checkbox"/>

Comment / Observation

IV. Means taken for the technology upgrading and human resource development

a. What means have your company taken for the technology upgrading and human resource development? (Please put a check in the appropriate boxes selecting top three items.)

- | | |
|---|--------------------------|
| 1. Training of staff at the training centers | <input type="checkbox"/> |
| 2. Participation in seminar or workshops | <input type="checkbox"/> |
| 3. Overseas training of staff at foreign companies abroad | <input type="checkbox"/> |
| 4. Joint-venture with foreign partner | <input type="checkbox"/> |
| 5. Tie-up with foreign companies for technology transfer | <input type="checkbox"/> |
| 6. Technical assistance by public authorities | <input type="checkbox"/> |
| 7. Technical assistance by private consultants | <input type="checkbox"/> |
| 8. Technical advice by buyers | <input type="checkbox"/> |
| 9. Other means (Specify: _____) | <input type="checkbox"/> |

b. How did you utilize the following program and projects? (Please put a check in the appropriate box, and also put an indication as the reason selecting one of "1" to "4" on the items checked in the "C" box.

	A	B	C	Reason for "C"
1. Project A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Project B.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Project C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Project D	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Project E	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(Note) A: Usually utilizing B: Seldom utilizing C: Never utilizing

Reason for "C":

1. Entirely no information on them
2. No information on how to participate
3. Effective but high charges
4. Not required
5. Ineffective

c. How did you come to know about the above-mentioned program and/or projects? (Please put a check in the appropriate boxes with multiple answer.)

1. Information published through mass media
2. Public announcement
3. Information from relevant associations
4. Information from other companies
5. Others (Specify: _____)

d. How do you assess the services/assistance provided by the public authorities? (Please put a check in the appropriate box.)

	A	B	C	D
1. Content of services/assistance provided	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Level of services/assistance provided	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Quality of services/assistance provided	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Charges to be paid for the services/assistance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Timely provision of services/assistance to meet requirement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

6. Technical advisory services
7. Institutional capability and capacity for services/assistance

(Note) A: Excellent or well satisfied
 B: Good or reasonable
 C: Fair or acceptable
 D: Unsatisfied or unacceptable

e. If you require any specific services/assistance to be provided by the public authorities or those you feel needs improvement, particularly in their institutional capability and capacity, please state it in the following column.

Items/Services Required	Items/Services that Needs Improvement or Should Introduced

<p>Comment / Observation</p>

V. Financing

(Please put a check in the appropriate boxes with multiple answer.)

a. What are your main finance sources?

	Working Fund	Capital Fund
1. Commercial Banks	<input type="checkbox"/>	<input type="checkbox"/>
2. State Banks	<input type="checkbox"/>	<input type="checkbox"/>
3. Cooperative	<input type="checkbox"/>	<input type="checkbox"/>
4. Financing Company	<input type="checkbox"/>	<input type="checkbox"/>
5. Non-organized finance	<input type="checkbox"/>	<input type="checkbox"/>
6. Others (Specify: _____)	<input type="checkbox"/>	<input type="checkbox"/>

b. Which of the following financial scheme are you aware of?

1. Term-lending loan for the acquisition of fixed assets	
1) DTI-BSMBD	<input type="checkbox"/>
2) SBGFC	<input type="checkbox"/>
3) DBP	<input type="checkbox"/>
2. Export development loan	
1) DBP	<input type="checkbox"/>
2) Special Financing Assistance to SME (SFA-SMEX)	<input type="checkbox"/>
3) LBP	<input type="checkbox"/>
3. Credit guarantee	
1) Guarantee facility (SBGFC)	<input type="checkbox"/>
2) Guarantee for SME (GFSME)	<input type="checkbox"/>

c. Have you used the above-mentioned financial scheme? (Please put a check either "yes" or "no", and if it is "no", indicate the reason for "no" by selecting one of eight reasons enumerated below.

	Yes	No	Reason
1. Term-lending loan for the acquisition of fixed assets			
1) DTI-BSMBD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2) SBGFC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3) DBP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- | | | | |
|---|--------------------------|--------------------------|--------------------------|
| 2. Export development loan | | | |
| 1) DBP | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2) Special Financing Assistance to SME (SFA-SMEX) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3) LBP | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Credit guarantee | | | |
| 1) Guarantee facility (SBGFC) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2) Guarantee for SME (GFSME) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

(Note) Reason for "no"

1. No demand
2. Complicated application procedure
3. Long processing time
4. High interest
5. Unattractive repayment term
6. Limited loan coverage/eligibility
7. Severe requirement for collateral
8. Others (specify:)

Comment / Observation

2. マクロ統計データベース

次頁以降にマクロ統計データベースに収めた表を掲載する。リストの一覧表は本報告書本文の付録に掲載してある。

表 AS1-1

Population by Region and Province; Census Years 1980, 1990, 1995

RgCode	Region and Province	1995	1990	1980
000	All Philippines	68,616,536	60,703,206	48,098,460
001	National Capital Region	9,454,040	7,948,392	5,925,884
002	Cordillera Administration Region	1,254,838	1,146,191	914,432
010	Ilocos Region	3,803,890	3,550,642	2,922,892
020	Cagayan Valley	2,536,035	2,340,545	1,919,091
030	Central Luzon	6,932,570	6,199,017	4,802,793
040	Southern Tagalog	9,943,096	8,263,099	6,118,620
050	Bicol Region	4,325,307	3,910,001	3,476,982
060	Western Visayas	5,776,938	5,393,333	4,525,615
070	Central Visayas	5,014,588	4,594,124	3,787,374
080	Eastern Visayas	3,366,917	3,054,490	2,799,534
090	Western Mindanao	2,794,659	2,459,690	1,973,267
100	Northern Mindanao	2,483,272	2,197,554	1,765,120
110	Southern Mindanao	4,604,158	4,006,731	2,969,156
120	Central Mindanao	2,359,808	2,032,958	1,467,115
130	Caraga	1,942,687	1,764,297	1,371,512
140	Autonomous Region for Muslim Mindanao	2,020,903	1,836,930	1,359,073
150	Filipinos in Philippine Embassies/Consulates and Missions Abroad	2,830	5,212	

(Source: PSY1999 Table 1.1)

表 AS1-2
Population Projection by Region 1995 to 2000
(Medium Assumption)

RgCode	Region Name	1995	1996	1997	1998	1999	2000
000	All Philippines	68,349,452	69,946,205	71,538,593	73,130,985	74,723,373	76,320,126
001	National Capital Region	9,421,134	9,618,323	9,814,977	10,011,636	10,208,290	10,405,479
002	Cordillera Administration Region	1,249,332	1,279,615	1,309,811	1,340,011	1,370,207	1,400,490
010	Ilocos Region	3,791,683	3,861,569	3,931,261	4,000,953	4,070,645	4,140,531
020	Cagayan Valley	2,525,814	2,583,263	2,640,554	2,697,849	2,755,140	2,812,589
030	Central Luzon	6,906,819	7,063,078	7,218,913	7,374,751	7,530,586	7,686,845
040	Southern Tagalog	9,903,972	10,183,894	10,463,047	10,742,197	11,021,350	11,301,272
050	Bicol Region	4,309,488	4,398,902	4,488,068	4,577,240	4,666,406	4,755,820
060	Western Visayas	5,756,625	5,870,305	5,983,675	6,097,048	6,210,418	6,324,098
070	Central Visayas	4,997,998	5,106,411	5,214,527	5,322,648	5,430,764	5,539,177
080	Eastern Visayas	3,356,854	3,434,391	3,511,714	3,589,035	3,666,358	3,743,895
090	Western Mindanao	2,782,263	2,856,418	2,930,263	3,004,109	3,077,954	3,152,009
100	Northern Mindanao	3,938,252	4,039,114	4,139,703	4,240,288	4,340,877	4,441,379
110	Southern Mindanao	5,052,730	5,192,377	5,331,644	5,470,907	5,610,074	5,749,821
120	Central Mindanao	2,348,224	2,410,736	2,473,078	2,535,416	2,597,758	2,660,270
140	Autonomous Region for Muslim Mindanao	2,008,166	2,047,820	2,087,362	2,126,910	2,166,452	2,206,106

Source: PSY1999 Table 1.7

表 AS1-3
Percent Distribution of Population by Age Group and Sex 1995

Age group and region	Total Population				Household Population			
	Number	Both sexes (%)	Female (%)	Male (%)	Number	Both sexes (%)	Female (%)	Male (%)
All Philippines	68,613,706	100.00	49.60	50.40	68,431,214	100.00	49.64	50.37
Under 1	1,878,258	2.74	1.32	1.41	1,877,628	2.74	1.33	1.42
1-4	7,483,583	10.91	5.29	5.62	7,481,871	10.93	5.30	5.64
5-9	8,893,186	12.96	6.31	6.66	8,890,185	12.99	6.32	6.67
10-14	8,040,435	11.72	5.77	5.95	8,029,195	11.73	5.78	5.95
15-19	7,465,220	10.88	5.45	5.43	7,424,225	10.85	5.44	5.41
20-24	6,270,359	9.14	4.59	4.55	6,231,151	9.11	4.58	4.52
25-29	5,752,373	8.38	4.19	4.20	5,724,022	8.36	4.19	4.18
30-34	4,860,821	7.08	3.51	3.58	4,841,978	7.08	3.51	3.56
35-39	4,317,895	6.29	3.09	3.20	4,304,685	6.29	3.10	3.19
40-44	3,402,599	4.96	2.44	2.52	3,393,902	4.96	2.44	2.52
45-49	2,734,186	3.98	1.97	2.02	2,728,751	3.99	1.97	2.02
50-54	2,063,225	3.01	1.50	1.51	2,059,820	3.01	1.50	1.51
55-59	1,714,944	2.50	1.27	1.23	1,712,497	2.50	1.27	1.23
60-64	1,322,007	1.93	0.99	0.94	1,320,309	1.93	0.99	0.94
65-69	955,854	1.39	0.74	0.65	954,557	1.39	0.74	0.65
70-74	654,440	0.95	0.52	0.44	653,550	0.96	0.52	0.44
75-79	410,001	0.60	0.33	0.27	409,383	0.60	0.33	0.27
80-84	252,028	0.37	0.21	0.16	251,540	0.37	0.21	0.16
85 and over	142,292	0.21	0.12	0.09	141,965	0.21	0.12	0.09

(Source: PSY1999 Table 1.5)

表 AS2-2

Annual Per Capita Poverty Thresholds and Incidences of Population by Region 1988, 1991, 1994 and 1997

RgCode	Region	1988			1991			1994			1997		
		Annual Per Capita Poverty Threshold (Pesos)	Magnitude of Poor Families	Incidence of Poor Families	Annual Per Capita Poverty Threshold (Pesos)	Magnitude of Poor Families	Incidence of Poor Families	Annual Per Capita Poverty Threshold (Pesos)	Magnitude of Poor Families	Incidence of Poor Families	Annual Per Capita Poverty Threshold (Pesos)	Magnitude of Poor Families	Incidence of Poor Families
000	All Philippines	4,777	25,005,345	49.5	7,302	28,119,758	45.3	8,885	27,274,205	40.6	11,319	26,768,532	36.8
001	National Capital Region	6,576	1,909,886	25.2	9,286	1,439,613	16.7	11,230	975,263	10.5	14,299	873,555	8.5
002	Cordillera Administration Region	5,116	536,434	50.7	8,332	674,718	55.4	10,853	746,562	56.4	12,836	677,955	50.1
010	Ilocos Region	4,934	1,650,993	51.7	8,060	1,928,391	55.3	10,022	1,971,779	53.6	11,975	1,769,743	44.1
020	Cagayan Valley	4,573	961,787	44.6	7,035	1,156,072	48.9	8,316	1,093,828	42.1	9,880	1,074,401	38.0
030	Central Luzon	5,242	1,835,976	33.8	8,173	2,239,856	35.5	9,757	2,046,167	29.2	11,839	1,388,292	18.5
040	Southern Tagalog	4,832	3,085,179	46.6	8,075	3,579,228	43.2	9,537	3,058,537	34.9	12,452	2,916,524	30.0
050	Bicol Region	4,144	2,430,346	61.4	6,385	2,707,612	61.3	8,319	2,869,319	60.8	10,378	2,920,426	57.0
060	Western Visayas	4,344	2,864,736	56.6	6,403	2,964,722	52.9	8,197	3,011,027	49.9	10,560	2,864,967	45.9
070	Central Visayas	3,711	2,154,799	52.1	5,585	2,071,808	46.7	6,425	1,801,745	37.5	8,718	2,029,506	38.9
080	Eastern Visayas	3,818	1,654,830	54.7	5,138	1,532,526	47.1	6,444	1,563,152	44.8	8,727	1,797,693	48.5
090	Western Mindanao	3,793	1,258,269	43.7	6,351	1,347,962	54.4	7,074	1,360,155	50.6	9,732	1,307,762	45.5
100	Northern Mindanao	4,523	1,618,657	50.2	6,433	2,092,823	57.4	7,938	2,143,280	54.1	10,440	2,243,939	52.7
110	Southern Mindanao	4,876	1,933,694	48.9	6,544	2,240,911	51.6	8,201	2,198,352	45.6	10,503	2,270,705	44.3
120	Central Mindanao	4,147	1,109,761	41	7,321	1,233,513	63.1	8,971	1,272,616	58.7	11,119	1,320,859	55.8
140	Autonomous Region for Muslim				7,450	910,003	56.0	8,889	1,162,423	65.3	11,134	1,312,207	62.5

(Source: PSY1999 Table 2.10)

表 AS2-2

Annual Per Capita Poverty Thresholds and Incidences of Population by Region 1988, 1991, 1994 and 1997

RegCode	Region	1988			1991			1994			1997		
		Annual Per Capita Poverty Threshold (Pesos)	Magnitude of Poor Families	Incidence of Poor Families	Annual Per Capita Poverty Threshold (Pesos)	Magnitude of Poor Families	Incidence of Poor Families	Annual Per Capita Poverty Threshold (Pesos)	Magnitude of Poor Families	Incidence of Poor Families	Annual Per Capita Poverty Threshold (Pesos)	Magnitude of Poor Families	Incidence of Poor Families
000	All Philippines	4,777	25,005,345	49.5	7,302	28,119,758	45.3	8,885	27,274,205	40.6	11,319	26,768,532	36.8
001	National Capital	6,576	1,909,886	25.2	9,286	1,439,613	16.7	11,230	975,263	10.5	14,299	873,555	8.5
002	Cordillera	5,116	536,434	50.7	8,332	674,718	55.4	10,853	746,562	56.4	12,836	677,955	50.1
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040	Southern Tagalog	4,832	3,085,179	46.6	8,075	3,579,228	43.2	9,537	3,058,537	34.9	12,452	2,916,524	30.0
050	Bicol Region	4,144	2,430,346	61.4	6,385	2,707,612	61.3	8,319	2,869,319	60.8	10,378	2,920,426	57.0
060	Western Visayas	4,344	2,864,736	56.6	6,403	2,964,722	52.9	8,197	3,011,027	49.9	10,560	2,864,967	45.9
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100	Northern Mindanao	4,523	1,618,657	50.2	6,433	2,092,823	57.4	7,938	2,143,280	54.1	10,440	2,243,939	52.7
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120	Central Mindanao	4,147	1,109,761	41	7,321	1,233,513	63.1	8,971	1,272,616	53.7	11,119	1,320,859	55.8
140	Autonomous Region for Muslim				7,450	910,003	56.0	8,889	1,162,423	65.3	11,134	1,312,207	62.5

(Source: PSY1999 Table 2.10)

表 AS2-3

Consumer Price Index for All Income Households by Item in the Philippines (1988=100) 1988 to 1995

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscellaneous
1988	100.0	100.0	100.0	100.0	100.0	100.1	100.0
1989	112.2	114.0	109.4	113.6	109.9	106.0	107.9
1990	128.1	127.6	120.3	132.8	136.0	129.3	120.5
1991	152.0	147.2	140.6	159.2	173.3	171.4	140.0
1992	165.6	157.3	155.8	187.6	183.2	183.6	158.7
1993	178.2	151.8	152.7	192.5	179.8	180.1	156.8
1994	194.3	180.7	175.3	238.9	210.7	215.5	190.3
1995	210.0	197.9	181.2	264.4	217.0	229.4	192.1

(Source: PSY1996 Table 2.12)

表 AS2-4

Consumer Price Index for All Income Households by Item in the Philippines (1988=100) 1990 to 1999

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscellaneous
1990	67.1	71.0	69.1	57.4	66.3	60.9	67.2
1991	79.5	82.0	80.5	68.4	83.1	80.5	78.1
1992	86.3	87.7	89.3	79.5	88.2	86.2	87.1
1993	92.3	92.7	95.4	88.8	93.9	92.5	93.0
1994	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1995	108.0	109.0	106.2	111.1	103.1	106.4	102.8
1996	117.8	120.4	112.0	122.9	109.4	115.7	102.7
1997	124.8	124.5	119.3	135.7	119.4	129.6	106.4
1998	136.9	135.5	128.6	151.4	126.4	148.1	115.2

(Source: PSY1999 Table 2.11)

表 AS3-1

GNP and GDP by Expenditure Shares: 1985 to 1998
(in Million pesos at current prices)

Expenditure	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Personal Consumption Expenditures	420,832	444,529	482,930	558,765	649,276	767,061	916,384	1,019,209	1,122,528	1,258,750	1,411,904	1,595,946	1,762,008	1,990,088
Government consumption	43,520	48,431	57,333	72,183	88,186	108,843	123,885	130,524	149,057	182,776	217,045	259,501	319,935	354,981
Capital formation	82,047	92,777	119,476	149,193	199,900	260,165	252,327	288,401	353,595	407,367	427,896	521,605	601,953	541,233
Fixed capital	94,168	97,710	112,663	142,226	192,665	248,954	250,147	282,783	350,543	400,139	423,197	508,745	593,284	561,714
Construction	51,242	49,469	59,333	72,226	98,421	129,624	119,858	132,356	148,860	165,202	183,740	230,508	270,446	269,585
Durable equipment	33,261	39,091	42,112	56,951	79,030	101,968	109,521	126,430	176,889	207,562	209,772	245,170	284,894	253,349
Breeding stocks & orchard development	9,665	9,150	11,218	13,049	15,214	17,362	20,768	23,997	24,794	27,375	29,685	33,067	37,944	38,930
Changes in stocks	- 12,121	- 4,933	6,813	6,967	7,235	11,211	2,180	5,618	3,052	7,223	4,699	12,860	8,669	- 20,481
Exports	137,341	160,309	181,903	226,910	260,161	296,415	369,377	399,706	462,384	572,646	692,952	879,773	1,188,048	1,478,016
Imports	- 125,205	- 136,235	- 179,030	- 215,292	- 280,118	- 359,548	- 406,698	- 459,911	- 586,935	- 679,439	- 842,073	- 1,070,612	- 1,438,909	- 1,577,727
Statistical discrepancy	13,348	- 924	20,752	7,423	8,039	3,301	- 7,264	- 20,370	- 26,172	- 49,168	- 1,773	- 13,691	- 11,729	- 109,483
Gross National Product	571,883	608,887	682,784	799,182	925,444	1,077,237	1,248,011	1,351,559	1,474,457	1,692,932	1,905,951	2,171,922	2,421,306	2,667,103
Net Factor Income Abroad	- 20,455	- 20,496	- 17,321	- 17,113	- 19,985	- 5,804	6,551	23,279	25,830	43,450	52,604	29,417	101,578	126,960
Gross Domestic Product	551,428	588,391	665,463	782,069	905,459	1,071,433	1,254,562	1,374,838	1,500,287	1,736,382	1,958,555	2,261,339	2,522,884	2,794,068

表 AS3-2

GNP and GDP by Expenditure Shares 1985 to 1998
(In Million Pesos: at constant 1985 prices)

Type of Expenditure	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Personal Consumption Expenditures	420,832	434,815	452,386	480,582	504,619	531,772	543,788	561,509	578,589	600,106	622,985	651,790	684,316	707,904
Government consumption	43,520	43,669	45,792	49,943	53,434	57,042	55,826	55,337	58,746	62,343	65,810	69,527	71,703	70,180
Capital formation	82,047	90,301	108,085	123,960	149,310	172,951	143,047	154,252	166,397	180,797	187,131	210,440	235,125	196,480
Fixed capital	94,168	95,083	101,627	119,252	143,804	165,364	141,903	150,974	164,125	176,383	184,667	206,854	230,862	204,279
Construction	51,242	47,753	51,745	58,454	67,370	77,443	60,733	63,519	70,258	72,858	78,627	91,115	104,404	98,219
Durable equipment	33,261	37,827	40,124	49,635	65,760	76,976	69,922	76,094	82,292	91,658	93,701	102,654	112,065	91,837
Breeding stocks & orchard development	9,665	9,503	9,758	10,163	10,674	10,945	11,248	11,362	11,575	11,872	12,339	13,085	14,193	14,223
Changes in stocks	- 12,121	- 4,782	6,458	5,708	5,506	7,587	1,144	3,278	2,272	4,409	2,464	3,586	4,463	- 7,799
Exports	137,341	160,571	171,531	196,458	213,888	217,865	231,515	241,431	256,451	307,205	344,181	397,201	465,322	398,657
Imports	- 125,205	- 138,021	- 177,532	- 212,357	- 244,590	- 269,148	- 266,139	- 289,273	- 322,548	- 369,325	- 428,475	- 500,194	- 567,682	- 486,230
Statistical discrepancy	13,348	88	16,661	20,015	22,787	10,208	8,485	- 4,315	- 3,479	- 14,758	10,592	21,357	4,076	1,084
Gross Domestic Product	571,883	591,423	616,923	658,581	699,448	720,690	716,522	718,941	734,156	766,368	802,224	849,121	892,860	888,075
Net Factor Income Abroad	- 20,455	- 19,931	- 16,016	- 14,352	- 15,217	- 3,761	3,696	12,455	12,765	19,768	22,301	35,105	37,503	43,052
Gross National Product	551,428	571,492	600,907	644,229	684,231	716,929	720,218	731,396	746,921	786,136	824,525	884,226	930,363	931,127

Source: PSY1999 Table 3.2

表 AS3-3

Gross Domestic Capital Formation in Durable Equipment by Major Type 1985 to 1998
(In million pesos; at current prices)

Durable Equipment	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Durable Equipment	33,261	39,091	42,112	58,951	79,030	101,968	109,521	126,430	176,889	207,562	209,772	245,170	284,894	258,349
Machinery specialized for particular industries	10,735	13,924	15,416	16,755	22,836	29,910	32,684	32,333	48,995	61,101	75,099	89,371	100,036	96,016
Agricultural Machineries	49	34	75	131	157	236	310	385	468	590	647	768	1,150	1,090
Tractor other than steam	17	31	37	144	373	309	389	284	678	832	649	775	948	644
Mining and construction machineries	487	490	827	1,122	2,844	2,713	4,438	3,446	4,162	4,403	8,017	12,297	12,400	7,082
Textile machineries	336	489	2,026	2,047	3,090	4,329	3,992	4,041	5,142	5,519	5,592	4,473	5,080	4,723
Sawmill & logging machineries	36	39	81	69	132	167	132	97	72	88	74	240	293	280
Sugarmill machineries	0	8	13	18	57	22	34	102	38	147	71	121	20	30
Pulp and paper machineries	64	101	210	197	389	763	511	777	810	2,098	1,961	1,858	2,616	1,029
Metal working machineries	620	696	892	1,326	1,575	2,248	2,474	2,535	4,059	4,891	5,941	10,548	13,575	10,744
Telecommunications & sound recording/reproducing equipment	6,193	7,895	6,611	5,654	4,978	5,745	6,333	6,852	11,648	16,062	20,105	21,495	24,925	27,676
Other special industrial machineries	2,933	4,141	4,644	6,047	9,243	13,378	14,071	13,914	21,918	26,472	32,142	36,796	39,029	42,788
General industrial machinery and equipment	12,029	14,075	13,381	18,361	26,457	34,437	37,273	40,599	55,397	64,688	53,209	61,815	73,326	74,375
Aircon & refrigeration equipment	1,031	1,016	1,758	6,455	9,033	9,860	9,464	11,937	10,142	12,658	15,686	17,526	19,688	19,979
Pumps and compressor	587	747	1,164	1,647	1,898	2,410	2,658	2,974	4,567	4,567	6,497	8,415	10,250	9,914
Other electrical machinery and apparatus	5,277	5,790	6,456	6,453	6,121	10,364	12,523	7,702	14,861	17,254	8,829	8,004	7,520	8,112
Other general industrial machineries	5,134	6,522	4,003	3,806	9,405	11,803	12,628	18,186	25,827	30,209	22,197	27,870	35,968	36,370
Transport equipment	6,298	4,579	5,044	9,243	15,715	21,251	19,050	29,891	47,256	56,182	58,397	62,531	69,764	37,237
Road vehicles	5,664	3,913	3,834	4,869	8,943	11,598	11,449	16,546	30,227	33,960	43,515	51,269	48,162	30,827
Railway transport	67	38	95	24	11	16	40	647	90	34	92	123	127	4,747
Air transport	70	9	407	2,726	4,695	7,044	4,405	9,034	12,943	712	8,612	7,460	19,590	793
Water transport	487	619	708	1,624	2,066	2,593	3,156	3,664	3,996	21,476	6,178	3,679	1,895	870
Miscellaneous equipment	4,209	6,513	8,271	12,592	14,020	16,370	20,514	23,607	25,241	25,591	23,067	31,453	41,768	45,721
Office machines & data processing	1,166	913	1,278	1,810	1,629	1,715	1,510	4,642	2,233	3,134	11,751	16,291	22,757	24,397
Other misc. durable equipment	3,043	5,600	6,993	10,782	12,391	14,655	19,004	18,965	23,008	22,457	11,316	15,162	19,011	21,324

Source: PSY1999Table3.28

表 AS3-4

GNP and GDP by Industrial Origin 1985 to 1998
(In Million Pesos: at current prices)

Industry	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Agri-Fishery & Forestry	140,554	145,807	163,927	183,515	210,009	235,956	261,868	294,922	318,546	372,507	412,197	447,803	452,546	449,888
Agriculture and fishery	131,557	136,475	150,671	170,459	198,868	227,049	255,327	288,159	312,976	367,737	408,064	443,138	449,805	447,673
Forestry	8,997	9,332	13,256	13,056	11,141	8,907	6,541	6,763	5,570	4,770	4,133	4,665	2,741	2,215
Industry Sector	200,548	210,528	235,094	280,957	322,964	371,347	424,504	443,813	481,900	550,709	611,097	696,981	779,786	841,145
Mining & Quarrying	11,893	14,144	14,354	15,275	15,446	16,659	17,504	16,263	16,621	16,509	16,801	17,175	17,311	20,093
Manufacturing	143,851	149,958	169,627	204,784	230,163	267,485	315,938	326,839	349,595	393,810	438,247	495,369	540,305	582,394
Construction	29,037	29,784	37,104	42,814	57,281	64,903	61,962	67,968	79,267	95,495	106,639	127,592	156,116	160,185
Electricity, Gas and Water	15,767	16,642	14,009	18,084	20,074	22,300	29,100	32,743	36,417	44,895	49,410	56,725	66,054	77,973
Service	230,781	252,552	283,743	334,710	392,471	469,934	561,639	612,824	674,011	769,716	882,657	1,027,238	1,188,974	1,376,075
Transportation, Trade	31,666	34,307	36,827	40,762	43,460	53,191	72,908	75,923	78,385	82,813	88,929	101,002	118,877	139,662
Finance	82,895	87,825	96,518	114,085	133,224	154,592	180,486	193,573	207,565	230,799	261,862	295,092	317,170	361,159
Ownership of Dwellings & Real Estate	17,123	18,658	22,446	27,125	34,334	42,531	48,572	53,166	58,557	67,363	78,232	96,424	114,459	130,271
Private Services	32,132	35,449	39,226	44,523	52,792	61,673	73,238	86,213	98,515	114,321	130,491	148,472	168,827	189,313
Government Services	39,121	43,593	49,927	57,644	67,752	80,916	97,388	110,325	127,444	147,141	169,290	199,403	233,732	280,567
Gross Domestic Product	27,904	32,720	38,799	50,571	60,909	77,031	89,047	93,624	103,547	127,274	153,853	186,845	236,709	275,103
Net factor income from abroad	571,883	608,887	682,764	799,182	925,444	1,077,237	1,248,011	1,351,559	1,474,457	1,692,932	1,905,951	2,171,922	2,421,306	2,667,108
Gross National Product	- 20,455	- 20,496	- 17,321	- 17,113	- 19,985	- 5,804	6,551	23,279	25,830	43,450	52,604	89,417	101,578	126,960
	551,428	588,391	665,443	782,069	905,459	1,071,433	1,254,562	1,374,838	1,500,287	1,736,382	1,958,555	2,261,339	2,522,884	2,794,068

Source: PSY1999 Table 3.3

表 AS3-5
GNP and GDP by Industrial Origin 1985 to 1988
(In Million Pesos at constant 1985 prices)

Industry	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Agri-Fishery & Forestry	140,554	145,725	150,414	155,292	159,964	160,734	162,937	163,571	167,053	171,390	172,848	179,451	184,713	172,445
Agriculture and fishery	131,557	135,486	138,075	144,028	150,694	153,414	159,205	159,385	163,556	168,419	171,069	177,553	183,501	171,548
Forestry	8,997	10,239	12,339	11,264	9,270	7,320	4,732	4,186	3,497	2,971	1,779	1,898	1,112	897
Industry Sector	200,548	205,164	213,389	232,052	249,175	255,548	248,718	247,384	251,459	265,972	283,858	302,126	320,689	314,554
Mining & Quarrying	11,893	12,313	11,232	11,704	11,389	11,091	10,770	11,495	11,571	10,763	10,035	10,166	10,338	10,624
Manufacturing	143,851	146,453	154,604	169,316	179,152	183,925	183,111	179,947	181,289	190,374	203,271	214,613	223,672	221,151
Construction	29,037	28,547	31,742	33,235	39,878	41,938	35,285	36,261	38,344	41,774	44,492	49,339	57,322	52,464
Electricity, Gas and Water Service	15,767	17,851	15,811	17,797	18,756	18,674	19,552	19,681	20,255	23,061	26,060	28,008	29,357	30,315
Service	230,781	240,534	253,120	271,227	290,309	304,408	304,867	307,986	315,644	329,006	345,518	367,544	387,458	401,076
Transportation, Communication and Storage	31,666	33,075	35,086	37,898	40,243	41,108	41,291	41,870	42,941	44,764	47,366	50,878	55,057	58,640
Trade	82,835	86,917	90,038	95,180	102,729	107,428	109,002	109,790	112,479	116,923	123,430	130,247	135,326	138,641
Finance	17,123	18,517	21,465	23,845	27,261	29,968	29,114	29,217	29,909	31,546	33,852	38,513	43,509	45,445
Ownership of Dwellings & Real Estate	32,132	33,205	34,759	36,691	39,033	40,146	40,242	40,534	41,269	42,473	43,765	45,576	47,297	48,065
Private Services	39,121	40,120	42,060	45,301	47,534	49,353	49,273	49,551	50,984	53,159	55,461	58,231	61,040	63,880
Government Services	27,904	28,700	29,712	32,322	33,459	36,405	36,945	37,034	38,062	40,141	41,644	44,099	45,219	46,405
Gross Domestic Product	571,893	591,423	616,323	658,581	699,448	720,690	716,522	718,941	734,156	766,368	802,224	849,121	892,860	888,075
Net factor income from abroad	- 20,455	- 19,931	- 16,016	- 14,352	- 15,217	- 3,761	3,696	12,455	12,765	19,768	22,301	35,105	37,503	43,052
Gross National Product	551,423	571,492	600,907	644,229	684,231	716,929	720,218	731,396	746,921	786,136	824,525	884,226	930,363	931,127

Source: PSY1989 Table 3.4

表 AS3-6

Per Capita: GDP and GNP and Personal Consumption Expenditure 1985 to 1998

Item	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Estimates in current pesos														
Personal Consumption Expenditures	7,744	7,984	8,457	9,516	10,803	12,362	14,388	15,599	16,759	18,344	20,093	22,188	23,963	25,345
Gross Domestic Product	10,524	10,935	11,972	13,610	15,398	17,361	19,595	20,685	22,013	24,671	27,123	30,208	32,929	35,486
Gross National Product	10,148	10,567	11,668	13,319	15,066	17,267	19,698	21,041	22,399	25,304	27,872	31,451	34,311	37,175
Estimates in constant 1985														
Personal Consumption Expenditures	7,744	7,809	7,932	8,184	8,396	8,570	8,538	8,594	8,638	8,745	8,866	9,065	9,307	9,419
Gross Domestic Product	10,524	10,622	10,818	11,216	11,638	11,615	11,250	11,003	10,961	11,168	11,416	11,810	12,143	11,816
Gross National Product	10,148	10,264	10,537	10,971	11,385	11,554	11,308	11,194	11,151	11,456	11,734	12,298	12,653	12,389
Population (million persons)	54.34	55.68	57.03	58.72	60.10	62.05	63.69	65.34	66.98	68.62	70.27	71.90	73.53	75.16

Source: PSY1999 Table 3.5

Note: Population projection based on 1990 Census of Population and Housing.

表 AS3-7
Gross Value Added in Manufacturing by Industry Group 1985 to 1998
(In Million Pesos: at current prices)

Industry/Industry group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Food manufactures	64,397	68,638	74,110	88,016	97,329	111,794	125,188	133,274	140,708	164,157	176,183	209,559	221,718	246,525
Beverage industries	6,452	6,859	8,159	9,829	10,784	12,372	14,696	15,949	15,732	17,888	20,662	23,302	26,217	28,644
Tobacco manufactures	4,974	5,305	6,122	7,503	7,698	7,897	8,654	9,360	9,114	10,093	10,581	11,567	12,824	13,483
Textile manufactures	5,293	5,925	6,652	7,755	8,754	9,204	10,384	10,094	10,468	9,955	11,160	11,248	11,082	11,814
Footwear and wearing apparel	5,711	6,048	9,096	11,123	14,301	16,835	20,506	22,071	25,245	27,144	30,370	29,574	31,454	35,860
Leather and leather products	148	119	130	152	177	197	238	284	237	245	285	333	387	448
Wood and cork products	2,812	3,034	3,806	4,506	5,037	5,572	6,304	5,926	6,830	5,626	5,808	5,840	6,386	6,470
Furniture and fixtures	1,669	1,816	2,322	2,690	3,592	4,448	4,766	4,813	5,228	5,941	6,909	7,077	8,182	9,245
Paper and paper products	1,487	1,798	1,931	2,436	2,850	2,944	3,252	3,040	2,947	3,203	3,901	3,921	3,768	4,287
Printing and publishing	1,435	1,702	1,945	2,564	2,916	3,299	3,926	4,306	4,496	4,963	5,493	6,022	6,582	6,656
Chemical & chemical products	10,575	10,703	11,994	15,381	18,509	20,404	25,133	25,394	28,927	31,245	35,663	39,208	44,832	48,964
Products of petroleum & coal	19,059	15,381	16,791	19,319	16,182	26,090	37,429	35,510	33,858	34,506	36,894	40,829	42,805	41,927
Rubber products	1,900	1,871	2,408	2,789	3,223	3,479	4,076	4,191	3,892	3,796	4,399	4,251	4,012	3,834
Non-metallic mineral products	2,701	2,844	3,423	4,454	6,937	7,547	9,953	10,182	11,698	14,069	17,121	19,647	22,791	20,566
Basic metal industries	4,384	4,266	5,048	6,664	7,905	8,539	9,553	8,120	9,246	10,047	13,352	13,560	13,772	13,476
Metal industries	2,943	3,268	3,669	4,536	5,716	6,452	6,955	8,007	8,693	8,970	9,751	11,316	10,955	10,194
Machinery except electrical	1,330	1,435	1,547	1,825	2,252	2,574	3,084	3,464	3,903	4,284	5,072	5,981	6,897	7,109
Electrical machinery	4,683	5,325	6,107	7,729	8,864	9,793	12,106	13,211	16,021	22,680	28,087	33,744	45,578	53,002
Transport equipment	923	1,066	1,451	1,852	2,626	2,934	3,190	3,896	5,129	6,088	7,239	7,958	7,405	5,449
Miscellaneous manufactures	1,975	2,555	2,926	3,661	4,511	5,111	6,545	5,897	7,283	8,910	9,317	10,452	12,658	14,921
Gross Value Added in Manufacturing	143,851	149,958	169,627	204,784	230,163	267,485	315,938	326,839	349,595	393,810	438,247	495,389	540,305	582,894

Source: PSY1999Table3.12

表 AS3-8

Gross Value Added in Manufacturing by Industry Group 1985 to 1998
(In Million Pesos: at constant 1985 prices)

Industry/Industry group	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Food manufactures	64,397	67,456	67,636	68,264	69,633	69,633	68,559	66,555	65,562	69,148	71,067	75,746	76,318	78,744
Beverage industries	6,452	6,513	6,673	6,805	7,174	7,411	7,488	7,296	6,810	7,222	7,659	8,256	8,961	9,003
Tobacco manufactures	4,974	4,726	4,445	5,201	5,091	5,094	5,022	5,090	4,906	5,091	5,054	5,459	5,779	5,538
Textile manufactures	5,293	5,846	6,071	6,840	7,552	6,720	6,524	5,740	5,698	5,277	5,611	5,498	5,320	5,055
Footwear and wearing apparel	5,711	5,554	7,406	8,154	9,521	10,045	10,747	10,812	11,576	12,211	13,201	12,036	12,356	12,699
Leather and leather products	148	110	105	118	135	148	158	149	145	147	169	191	215	224
Wood and cork products	2,812	2,887	3,271	3,553	3,871	4,143	3,993	3,278	3,497	2,818	2,888	2,782	2,969	2,769
Furniture and fixtures	1,669	1,666	1,913	2,081	2,389	2,571	2,437	2,164	2,082	2,255	2,476	2,525	2,822	2,881
Paper and paper products	1,487	1,473	1,540	1,875	2,263	2,179	2,197	1,941	1,778	1,854	2,213	2,157	2,038	2,132
Printing and publishing	1,435	1,691	1,881	2,414	2,691	2,968	2,963	2,951	2,767	2,894	3,075	3,114	3,233	3,093
Chemical & chemical products	10,575	9,278	9,385	10,269	10,985	11,472	12,136	11,128	11,492	11,644	12,582	13,309	14,276	14,169
Products of petroleum & coal	18,059	17,586	20,592	26,231	26,233	30,008	28,878	32,213	32,002	33,512	36,113	39,288	39,753	37,472
Rubber products	1,900	1,853	2,250	2,467	2,683	2,818	2,831	2,679	2,312	2,216	2,477	2,275	2,088	1,849
Non-metallic mineral products	2,701	2,722	3,041	3,811	5,014	4,552	5,004	4,718	5,182	5,737	6,548	7,040	7,925	6,614
Basic metal industries	4,384	4,143	4,623	5,532	5,446	4,893	4,936	3,909	4,191	4,354	5,521	5,305	5,223	4,745
Metal industries	2,943	2,969	3,119	3,558	4,308	4,455	4,125	4,331	4,399	4,352	4,569	5,061	4,841	4,231
Machinery except electrical	1,330	1,398	1,486	1,689	2,040	2,096	2,093	2,198	2,287	2,447	2,870	3,309	3,756	3,540
Electrical machinery	4,683	5,229	5,430	5,981	6,629	7,096	7,334	7,552	8,681	10,651	12,086	13,867	18,179	19,284
Transport equipment	923	953	1,133	1,347	1,785	1,874	1,726	1,988	2,422	2,610	3,042	3,086	2,744	1,810
Miscellaneous manufactures	1,975	2,395	2,614	3,126	3,709	3,749	3,980	3,215	3,500	3,964	4,050	4,309	4,876	5,269
Gross Value Added in Manufacturing	143,851	146,453	154,604	169,316	179,152	183,925	183,111	179,947	181,289	190,374	203,271	214,613	223,672	221,151

Source: PSY1999Table3.13

表 AS3-9

Gross Regional Domestic Product 1985 to 1998
(In million pesos: at current prices)

Region	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
All Philippines	571,884	608,888	682,765	799,183	925,444	1,077,237	1,248,011	1,351,559	1,474,457	1,692,932	1,905,951	2,171,922	2,421,306	2,667,108
National Capital Region	164,246	180,117	208,661	251,164	298,589	347,609	409,778	437,730	457,312	548,782	623,939	717,590	827,282	925,412
Cordillera Administration Region	-	-	13,691	15,562	17,928	20,267	23,659	23,974	27,597	33,497	38,453	43,262	51,857	59,661
Ilocos Region	25,033	29,290	20,385	23,041	26,931	32,501	36,336	37,102	41,961	49,731	58,810	68,671	75,465	86,011
Cagayan Valley	15,309	15,574	14,280	16,709	19,674	23,724	25,262	26,671	29,847	35,002	40,374	45,533	50,711	54,529
Central Luzon	53,774	55,256	59,992	68,010	75,253	91,922	106,726	118,202	129,870	143,552	159,939	182,007	200,890	206,221
Southern Tagalog	82,615	86,983	95,946	114,401	130,349	155,817	188,502	205,172	218,201	250,808	273,578	307,566	341,820	372,365
Bicol Region	19,366	19,876	20,607	23,849	27,549	31,927	36,201	39,616	44,296	50,575	55,885	62,669	70,476	77,651
Western Visayas	42,418	44,338	48,890	57,265	66,455	75,649	85,407	95,239	105,867	118,577	132,112	153,021	162,149	180,019
Central Visayas	35,754	38,381	43,326	51,872	61,737	70,766	82,321	88,831	94,892	108,493	121,438	140,544	157,750	176,656
Eastern Visayas	16,218	16,309	18,139	21,586	24,640	28,269	32,057	34,681	38,354	43,644	47,854	55,643	61,131	68,787
Western Mindanao	18,561	19,542	20,900	23,607	26,469	31,182	35,157	39,012	41,496	47,816	52,904	56,636	60,960	66,428
Northern Mindanao	32,412	34,173	37,920	42,282	49,146	55,120	62,726	68,855	74,686	87,479	97,682	110,107	116,596	127,215
Southern Mindanao	43,727	45,502	54,132	59,889	66,287	74,670	82,459	90,297	98,322	113,563	129,205	146,721	156,854	172,381
Central Mindanao	22,452	23,549	25,897	29,948	34,436	37,813	40,919	46,118	40,909	45,559	54,788	61,620	64,790	69,239
Autonomous Region for Muslim Mindanao	-	-	-	-	-	-	-	-	12,848	15,856	18,991	20,332	22,573	24,484

Source: PSY1999Table3.29

表 AS3-10

Gross Regional Domestic Product 1985 to 1998
(In million pesos: at constant 1985 prices)

Region	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
All Philippines	571,884	591,423	616,926	652,583	699,449	720,691	716,523	718,942	734,156	766,368	802,224	849,121	892,860	888,075
National Capital Region	164,246	169,358	180,609	197,266	214,663	221,753	220,972	215,465	216,149	277,348	242,167	256,000	272,991	273,266
Cordillera Administration Region	-	-	11,342	12,195	13,252	13,549	14,042	13,591	14,637	15,928	16,075	16,873	19,587	20,552
Ilocos Region	25,033	26,947	18,294	19,238	20,435	21,869	21,579	20,344	20,893	22,295	24,225	25,155	26,918	27,662
Cagayan Valley	15,309	15,668	13,087	13,994	14,725	15,548	14,714	13,974	14,460	15,428	16,142	16,712	18,324	17,473
Central Luzon	53,774	54,853	57,459	61,831	64,158	68,250	66,309	70,736	72,955	75,371	78,487	81,970	85,488	80,040
Southern Tagalog	82,615	86,473	90,978	98,333	104,972	109,509	109,844	113,545	114,787	120,155	125,248	134,814	140,759	138,536
Bicol Region	19,366	19,530	18,913	20,103	21,041	21,687	21,734	21,902	22,422	23,087	23,517	24,325	26,031	25,762
Western Visayas	42,418	43,554	44,858	46,699	50,113	50,747	50,451	53,331	55,487	57,050	57,597	61,098	61,460	61,907
Central Visayas	35,754	37,680	39,662	43,107	45,813	47,193	46,971	47,086	47,757	49,663	52,327	56,615	59,927	60,768
Eastern Visayas	16,218	16,057	16,175	17,297	17,373	17,322	17,396	17,088	17,851	13,387	18,969	20,000	20,749	20,927
Western Mindanao	18,561	19,163	19,191	19,569	20,214	21,132	20,773	21,186	20,862	21,125	21,813	24,702	25,484	25,494
Northern Mindanao	32,412	33,239	34,381	35,603	37,313	37,099	37,104	37,345	37,913	39,726	41,866	42,752	44,034	43,824
Southern Mindanao	43,727	45,317	48,383	48,691	49,970	50,074	50,155	48,953	50,671	52,570	53,501	55,929	58,581	59,993
Central Mindanao	22,452	23,582	23,592	24,657	25,407	24,959	24,477	24,396	20,405	20,815	22,174	23,491	23,800	23,282
Autonomous Region for Muslim Mindanao	-	-	-	-	-	-	-	-	6,908	7,420	8,116	8,386	8,727	8,588

Source: PSY1999Table3.30

表 AS3-11

Matrix of Domestic Technical Coefficients: Inter-Industry Accounts 1990

Code	Commodity	01	02	03	04	05	06	07	08	09	10	11
01	Agriculture, fishery and forestry	0.1603010	0.0016751	0.1940736	0.0222551	0.0087072	0.0004517	0.0003163	0.0000000	0.0000001	0.0303742	0.0012669
02	Mining and quarrying	0.0000196	0.0003332	0.0200187	0.0127057	0.0055593	0.0000900	0.0000063	0.0000000	0.0002640	0.0015957	0.0000000
03	Manufacturing	0.0815264	0.1464073	0.1743072	0.2924747	0.2484094	0.2238176	0.0529217	0.0448220	0.0280100	0.1892606	0.0736781
04	Construction	0.0001715	0.0038321	0.0001335	0.0000004	0.0013217	0.0003414	0.0006830	0.0032509	0.0926950	0.0010458	0.0005106
05	Electricity, gas and water	0.0071369	0.0171481	0.0131740	0.0021449	0.0141596	0.0083774	0.0145570	0.0166733	0.0050826	0.0301839	0.0126099
06	Transportation, communication and storage	0.0093371	0.0234058	0.0103303	0.0329330	0.0018599	0.0667972	0.0595130	0.0422348	0.0039448	0.0264478	0.0145079
07	Trade	0.0184457	0.0394011	0.0376033	0.0406661	0.0443729	0.0501541	0.0066702	0.0072237	0.0044514	0.0277803	0.0225721
08	Finance and insurance	0.0034896	0.0089707	0.0066642	0.0092605	0.0257395	0.0272398	0.0405947	0.0396292	0.0122449	0.0108183	0.0270669
09	Real Estate	0.0001309	0.0006000	0.0008644	0.0007069	0.0000508	0.0059055	0.0266902	0.0241940	0.0019968	0.0116944	0.0069331
10	Private Services	0.0055460	0.0216814	0.0067280	0.0091989	0.0046548	0.0653007	0.0241921	0.0573041	0.0233562	0.0694475	0.0822190
11	Government Services	0.0000000	0.0000000	0.0000000	0.0030387	0.0000000	0.0000000	0.0000000	0.0000000	0.0000015	0.0000071	0.0027061
	INTERMEDIATE INPUT	0.2861047	0.2634548	0.4638971	0.4223462	0.3548350	0.4484455	0.2261445	0.2353319	0.1720477	0.3986485	0.2413643
	Imports	0.0298189	0.1675523	0.2254984	0.1242463	0.0748310	0.1063627	0.0440824	0.0337404	0.0033045	0.0690163	0.0774117
	Compensation of employees	0.2069439	0.1425089	0.0615006	0.1442056	0.1135345	0.1222894	0.1785210	0.1609354	0.0290517	0.1725605	0.6427981
	Depreciation	0.0030531	0.1007762	0.0241214	0.0069843	0.4242362	0.0536637	0.0269063	0.0663742	0.2767202	0.0271800	0.0251827
	Indirect taxes less subsidies	0.0102113	0.0045650	0.0304362	0.0089051	0.0116585	0.0141692	0.0235233	0.0341144	0.0056185	0.0217684	0.0080122
	Operating surplus	0.4638680	0.3211427	0.1945463	0.2902737	0.0209048	0.2550696	0.5008225	0.4695037	0.5132559	0.3108191	0.0025299
	Gross Value Added:	0.6840764	0.5689929	0.3106045	0.4503687	0.5703340	0.4451918	0.7297731	0.7309277	0.8246462	0.5323280	0.6785179
	TOTAL PRIMARY INPUT	0.7138953	0.7365452	0.5361029	0.5746150	0.6451650	0.5515545	0.7738555	0.7646681	0.8279508	0.6013443	0.7559295
	TOTAL INPUT	1.0000000	1.0000000	1.0000000	0.9869613	1.0000000	1.0000000	1.0000000	1.0000000	0.9999985	0.9999929	0.9972939

Source: PSY1998 Table 3.45

表 AS3-12

Matrix of Inverse Coefficients, (I-A) : Inter-Industry Accounts 1990

Code	Commodity	01	02	03	04	05	06	07	08	09	10	11	Forward Linkage	Rank
01	Agriculture, fishery and forestry	1.2224616	0.0524857	0.2933556	0.1189734	0.0877114	0.0815648	0.0265565	0.0269283	0.0229972	0.1063417	0.0358244	1.3700545	2
02	Mining and quarrying	0.0027995	1.0048119	0.0255001	0.0207441	0.0123614	0.0069943	0.0023517	0.0023445	0.0032197	0.0077618	0.0029353	0.7210346	10
03	Manufacturing	0.1341643	0.2120106	1.2654158	0.3959233	0.3311812	0.3390372	0.1061215	0.1010359	0.0838193	0.2832448	0.1324256	2.2363461	1
04	Construction	0.0004526	0.0043366	0.0007618	1.0006516	0.0019071	0.0017241	0.0036779	0.0060706	0.0931356	0.0027634	0.0017416	0.7378076	8
05	Electricity, gas and water	0.0117356	0.0229579	0.0212415	0.0109936	1.0219369	0.0187729	0.0193293	0.0222916	0.0081835	0.0393661	0.0191254	0.8027981	7
06	Transportation, communication and storage	0.0163707	0.0331916	0.0223748	0.0468622	0.0127745	1.0851874	0.0698289	0.0523006	0.0112165	0.0392856	0.0239625	0.9333719	5
07	Trade	0.0296239	0.0527039	0.0570246	0.0626272	0.0616349	0.0728550	1.0173428	0.0179887	0.0139046	0.0475519	0.0336532	0.9687594	4
08	Finance and insurance	0.0075761	0.0152559	0.0139264	0.0176592	0.0332356	0.0382218	0.0471767	1.0461244	0.0158476	0.0190614	0.0331660	0.8501265	6
09	Real Estate	0.0014786	0.0031278	0.0033293	0.0037205	0.0030419	0.0105880	0.0292878	0.0270734	1.0033103	0.0149324	0.0100459	0.7329954	9
10	Private Services	0.0108069	0.0301335	0.0155994	0.0203687	0.0129599	0.0838565	0.0361033	0.0703537	0.0291118	1.0832964	0.0947985	0.9822631	3
11	Government Services	0.0000015	0.0000134	0.0000024	0.0030491	0.0000059	0.0000059	0.0000115	0.0000190	0.0002355	0.0000162	1.0027195	0.6644426	11
	OUTPUT MULTIPLIER	1.4374713	1.4310289	1.7185318	1.7015728	1.5785007	1.7358079	1.3577879	1.3719307	1.2850316	1.6486219	1.3903979		
	Backward Linkage	0.9492980	0.9450435	1.1349038	1.1237091	1.0424330	1.1463376	0.8966755	0.9060153	0.8486276	1.0088741	0.9182109		
	Rank	5	7	2	3	5	1	10	9	11	4	3		

Source: PSY1998 Table 3.46

表 AS3-13

Matrix of Domestic Technical Coefficients: Inter-Industry Accounts 1994

Code	Commodity	01	02	03	04	05	06	07	08	09	10	11
01	Agriculture, fishery and forestry	0.0962710	0.0022190	0.1721640	0.0001100	0.0005180	0.0015800	0.0109910	0.0000000	0.0000000	0.0415700	0.0007270
02	Mining and quarrying	0.0000590	0.0042380	0.0491330	0.0186790	0.0018560	0.0000000	0.0000020	0.0000000	0.0000350	0.0002480	0.0000000
03	Manufacturing	0.1221720	0.2283000	0.3384990	0.2859140	0.3361360	0.3014690	0.0485710	0.0210150	0.0184170	0.2434500	0.0979590
04	Construction	0.0012430	0.0268010	0.0101000	0.0104690	0.0032090	0.0026080	0.0012500	0.0041860	0.0715370	0.0033380	0.0090070
05	Electricity, gas and water	0.0081600	0.0532040	0.0229280	0.0047780	0.0515650	0.0107470	0.0361630	0.0296020	0.0031410	0.0315550	0.0258890
06	Transportation, communication and storage	0.0174840	0.0279890	0.0217810	0.0414770	0.0025590	0.0400320	0.1123400	0.0558660	0.0039670	0.0186380	0.0309620
07	Trade	0.0123210	0.0109440	0.0472300	0.0154560	0.0439430	0.0344400	0.0088250	0.0022500	0.0017140	0.0254500	0.0106670
08	Finance and insurance	0.0108380	0.0226640	0.0101580	0.0320120	0.0134220	0.0260680	0.0740630	0.0574120	0.0138880	0.0094800	0.0440850
09	Real Estate	0.0003450	0.0020900	0.0035290	0.0053330	0.0003190	0.0180450	0.0081840	0.0177050	0.0008270	0.0092360	0.0046870
10	Private Services	0.0108430	0.0592100	0.0115070	0.0495460	0.0057520	0.0735320	0.0427720	0.0945060	0.0090090	0.0709370	0.0358290
11	Government Services	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
	INTERMEDIATE INPUTS	0.2795360	0.4376530	0.6779380	0.4637750	0.4592780	0.5084850	0.3431620	0.2825380	0.1225350	0.4539230	0.3098120
	Compensation of employees	0.2353690	0.1754770	0.0854110	0.1602940	0.0921000	0.1641600	0.1486070	0.1723140	0.0336340	0.2144740	0.6617490
	Depreciation	0.0565440	0.1050440	0.0279200	0.0589710	0.1434340	0.1056460	0.0418250	0.0484900	0.0239210	0.0510040	0.0283740
	Indirect taxes less subsidies	0.0206750	0.0283110	0.0283580	0.0174430	0.0231300	0.0238500	0.0451020	0.0907990	0.0140770	0.0291600	0.0000000
	Operating surplus	0.4073760	0.2535160	0.1803730	0.2995170	0.2820580	0.1978590	0.4233050	0.4058590	0.8058320	0.2514380	0.0000650
	TOTAL PRIMARY INPUTS	0.7204640	0.5623480	0.3220620	0.5362250	0.5407220	0.4915150	0.6588380	0.7174620	0.8774650	0.5460770	0.6901880
	TOTAL INPUT	1.0000000	1.0000010	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000

Source: PSY1999 Table 3.45

Matrix of Inverse Coefficients, (I-A) : Inter-Industry Accounts 1994

Code	Commodity	01	02	03	04	05	06	07	08	09	10	11	Forward Linkage	Rank
01	Agriculture, fishery and forestry	1.1567740	0.0996580	0.3238580	0.1105160	0.1202470	0.1196270	0.0557140	0.0336170	0.0166140	0.1455670	0.0550260	1.2256990	2
02	Mining and quarrying	0.0127740	1.0289570	0.0832350	0.0465390	0.0324990	0.0292400	0.0104580	0.0074430	0.0054660	0.0249330	0.0129340	0.7092030	8
03	Manufacturing	0.2556330	0.4857330	1.6820000	0.5560010	0.6154060	0.5879090	0.2079810	0.1458060	0.0819430	0.4950220	0.2556140	2.9415550	1
04	Construction	0.0026110	0.0298870	0.0657800	1.0141480	0.0059110	0.0068540	0.0040110	0.0072810	0.0729300	0.0065520	0.0113350	0.6395150	9
05	Electricity, gas and water	0.0197740	0.0768200	0.0548260	0.0290240	1.0775140	0.0367620	0.0520680	0.0431200	0.0078060	0.0546550	0.0418650	0.8136410	6
06	Transportation, communication and storage	0.0324820	0.0534030	0.0603890	0.0702190	0.0321140	1.0716290	0.1333840	0.0711950	0.0121190	0.0446340	0.0490310	0.8933500	4
07	Trade	0.0294060	0.0437590	0.0909090	0.0500670	0.0809460	0.0715780	1.0286880	0.0174560	0.0083300	0.0579550	0.0304450	0.8270290	5
08	Finance and insurance	0.0199760	0.0390820	0.0341400	0.0500380	0.0319110	0.0458060	0.0934410	1.0637590	0.0197340	0.0255860	0.0564120	0.8113290	7
09	Real Estate	0.0027490	0.0068890	0.0091130	0.0108120	0.0047220	0.0239410	0.0133950	0.0220590	1.0023350	0.0137630	0.0088550	0.6131360	10
10	Private Services	0.0237260	0.0851100	0.0430900	0.0784630	0.0276430	0.1041370	0.0715770	0.1186960	0.0185640	1.0953970	0.1089850	0.9726770	3
11	Government Services	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	1.0000000	0.5478680	11
	OUTPUT MULTIPLIER	1.5559050	1.9493480	2.3873340	2.0158270	2.0289140	2.0974810	1.6672170	1.5354120	1.2458420	1.9640630	1.6305030		
	Backward Linkage	0.8524300	1.0679850	1.3079430	1.1044060	1.1115760	1.1491420	0.9134140	0.8412020	0.6825560	1.0760460	0.8933000		
	Rank	9	6	1	4	3	2	7	10	11	5	8		

Source: PSY1999 Table 3.46

表 AS4-1

Status of Land Classification by Region and by Province as of December 1996
(In hectares)

Region	Total Land Area	Alienable and Disposable Land	Unclassified Forest Land	Classified Public Forest
All Philippines	30,000,000	14,117,244	881,157	15,001,599
National Capital Region	63,600	48,232	14,740	628
Cordillera Administration Region	1,829,368	340,656	21,135	1,467,577
Ilocos Region	1,284,019	810,062	33,155	440,802
Cagayan Valley	2,683,758	960,064	146,305	1,577,389
Central Luzon	1,823,082	1,051,908	26,874	744,300
Southern Tagalog	4,692,416	2,161,264	160,308	2,370,844
Bicol Region	1,763,249	1,222,060	29,873	511,316
Western Visayas	2,022,311	1,408,782	1,606	611,923
Central Visayas	1,495,142	959,223	69,555	466,364
Eastern Visayas	2,143,169	1,023,715	38,925	1,080,529
Western Mindanao	1,599,734	762,252	26,871	810,611
Northern Mindanao	2,832,774	1,066,931	50,732	1,715,111
Southern Mindanao	3,169,275	1,212,440	116,774	1,840,061
Central Mindanao	1,437,274	546,828	49,631	840,815
Autonomous Region for Muslim Mindanao	1,160,829	542,827	94,673	523,329

Source: PSY1998 Table 4.1

表 AS4-2

Classified and Unclassified Land Area 1985 to 1998
(In hectares)

Year	Alienable and Disposable		Forest Land			
	Area	Percent	Classified		Unclassified	
	Area	Percent	Area	Percent	Area	Percent
1985	14,659,760	48.87	14,020,446	46.73	1,319,794	4.40
1986	13,852,398	46.17	14,961,027	49.87	1,186,575	3.96
1987	14,108,087	47.03	15,010,616	50.04	881,297	2.94
1988	14,117,753	47.06	15,001,090	50.00	881,157	2.94
1989	14,117,729	47.06	15,001,114	50.00	881,157	2.94
1990	14,117,729	47.06	15,001,114	50.00	881,157	2.94
1991	14,117,729	47.06	15,001,114	50.00	881,157	2.94
1992	14,117,244	47.06	15,001,599	50.01	881,157	2.94
1993	14,117,244	47.06	15,001,599	50.01	881,157	2.94
1994	14,117,244	47.06	15,001,599	50.01	881,157	2.94
1995	14,117,244	47.06	15,001,599	50.01	881,157	2.94
1996	14,117,244	47.06	15,001,599	50.01	881,157	2.94
1997	14,145,027	47.15	14,765,804	49.22	1,089,169	3.63
1998	14,145,027	47.15	14,765,804	49.22	1,089,169	3.63

Source: PSY1999 Table 4.2

表 AS5-1

General Statistics for Manufacturing Establishments with average total employment of 10 or more workers 1985 to 1995

Year	Number of Establishments	Employment (Average for the Year)		Total Salaries & Wages (P1,000)	Products/By Products Sold (P1,000)	Selected Costs	Capital Expenditure During the Year (P1,000)	Value of Output (P1,000)	Gensus Value Added (P1,000)
		Total	Number of paid employees						
1983	5,733	700,895	694,879	10,406,945	153,244,411	112,561,775	7,603,945	163,957,498	55,477,503
1984	5,435	645,516	639,607	12,599,655	204,889,735	156,555,384	7,887,077	220,118,798	68,766,417
1985	5,369	623,671	618,335	14,478,441	211,220,055	164,291,635	7,025,445	224,785,634	79,020,469
1986	5,294	636,219	630,996	16,527,992	232,390,891	170,646,262	9,316,490	247,461,328	97,747,092
1987	5,000	675,206	671,051	20,428,617	274,674,171	255,566,775	10,075,019	297,940,287	105,382,060
1988	11,488	856,951	845,069	30,371,571	358,567,932	258,702,877	16,103,904	385,010,014	133,823,686
1989	10,154	949,488	940,363	38,830,654	429,036,254	309,941,931	16,006,342	463,055,311	160,021,700
1990	10,446	932,999	923,857	45,547,844	525,019,009	361,394,136	30,023,121	567,813,582	206,419,446
1991	11,426	946,094	936,496	54,288,150	628,133,702	444,704,681	32,745,570	678,420,246	239,661,293
1992	11,764	968,628	958,807	61,973,628	682,979,853	473,849,327	37,698,440	734,872,372	269,100,538
1993	11,005	908,686	900,645	63,338,190	793,281,989	752,725,682	49,781,015	793,281,989	299,147,649
1994	10,726	895,252	886,806	69,924,430	811,681,367	537,189,120	66,441,752	825,564,003	325,083,594
1995	10,219	911,319	902,994	75,705,732	955,288,570	628,369,514	70,647,192	1,008,157,317	394,018,898

Source: PSY1998 Table 6.1a

表 AS5-2

General Statistics for Manufacturing Establishments with average total employment less than 10 workers 1988 to 1995

Year	Number of Establishments	Employment (Average for the Year)		Total Salaries & Wages (P1,000)	Value of Shipments (P1,000)	Selected Costs	Capital Expenditure (P1,000)	Gross Output (P1,000)	Census Value Added (P1,000)
		Total	Number of paid employees						
1988	67,147	234,428	123,338	1,388,935	8,357,037	90,352	385,148	11,293,769	4,075,974
1989	67,651	258,311	155,905	2,372,545	13,891,037	12,210,180	407,823	19,873,447	7,747,538
1990	73,379	294,853	184,645	3,029,221	16,949,673	14,771,679	804,591	23,454,006	8,790,114
1991	76,872	289,060	169,236	3,833,000	22,379,031	17,660,939	577,425	28,142,364	10,639,422
1992	80,022	312,704	172,121	3,355,683	16,770,161	12,831,614	657,173	23,250,049	10,529,499
1993	80,131	317,896	190,131	4,226,555	19,128,653	13,909,179	433,426	24,689,058	11,013,169
1994	81,544	287,630	157,338	3,205,270	26,518,387 ^a	13,639,293	2,417,599	28,401,645	14,921,601
1995	86,484	313,019	172,881	4,621,826	30,519,311 ^a	21,050,186 ^b	851,449	32,817,452	18,158,247

Source: PSY1998 Table 6.1b

Note:

a- Data is revenue from main activity

b- Data is total costs.

表 AS5-3

General Statistics for Manufacturing Establishments by Major Industry Group 1986-1991, 1993-1995
(Value and cost figures in thousand pesos)

Code	Major Industry Group	Year	Number of Establishments	Employment		Total Receipts	Products/Sold	Total Costs	Census Value Added	Total Book Value of Fixed Assets	Capital Expenditure of Fixed Assets	Capital Expenditure of Fixed Assets New	
				Total	Average for the Year								
All Manufacturing Establishments													
		1986	5,294	636,219	630,996	17,549,923	246,145,700	247,461,329	149,714,236	97,747,092	75,390,695	9,147,404	5,798,438
		1987	4,995	675,688	671,511	21,810,877	282,264,855	298,799,203	193,948,785	104,850,418	83,950,891	9,845,616	8,033,485
		1988	11,488	856,951	845,069	31,810,603	381,653,296	358,567,932	300,096,977	133,823,686	98,740,873	15,778,266	12,427,887
		1989	10,154	949,488	940,363	40,598,903	462,617,386	429,036,254	352,002,239	160,021,700	111,024,268	14,458,168	12,498,412
		1990	10,446	932,999	923,857	47,397,567	565,263,458	525,019,009	395,099,147	206,419,446	138,765,209	29,168,144	24,718,845
		1991	11,426	946,094	936,496	56,653,369	674,271,013	628,133,702	444,704,681	239,661,293	162,632,463	32,745,570	26,348,294
		1993	11,005	908,686	900,645	66,338,190	786,053,842	752,725,682	500,610,050	299,147,649	217,320,510	49,781,015	40,801,111
		1994	10,726	895,252	886,806	69,942,432	849,041,018	811,681,367	637,533,134	325,083,594	264,001,536	66,441,752	57,121,550
		1995	10,219	911,319	902,994	75,705,732	987,822,044	955,288,570	614,138,419	394,018,898	316,740,136	70,647,192	59,227,328
		1996	1,257	122,958	120,791	3,402,156	59,065,949	59,861,182	36,449,306	23,411,876	19,440,119	1,283,304	974,615
		1987	1,163	133,304	131,529	4,428,561	66,888,641	69,591,016	47,851,786	21,742,229	14,491,258	1,284,451	1,083,783
		1988	3,070	161,127	156,625	5,998,087	83,746,160	79,821,503	66,502,280	25,476,368	31,507,159	5,011,333	1,818,428
		1989	2,493	167,550	164,332	7,155,586	99,965,122	94,828,958	79,507,138	29,207,106	17,763,065	1,629,597	2,273,498
		1990	2,562	167,913	164,528	8,422,988	133,027,995	125,090,430	91,074,364	48,613,194	22,686,152	5,318,795	5,682,920
		1991	2,783	163,286	159,686	9,843,051	137,530,535	128,164,297	97,552,684	39,046,771	28,105,549	7,543,714	5,666,875
		1993	2,689	167,224	163,818	11,536,900	159,494,027	154,846,351	106,063,627	56,246,964	35,290,272	7,976,937	5,611,419
		1994	2,630	162,017	159,041	11,829,927	168,100,871	162,033,439	128,032,616	58,066,328	43,437,317	8,831,376	6,753,250
		1995	2,508	162,510	159,795	12,548,927	203,766,825	199,247,952	134,184,422	74,447,540	49,175,185	9,361,904	6,739,919
		1986	88	26,709	26,693	993,455	15,883,070	15,877,125	7,077,015	8,800,110	4,046,044	298,683	236,679
		1987	80	27,266	27,250	1,324,924	19,516,707	19,603,717	8,032,058	11,571,659	3,838,272	637,658	601,391
		1988	103	30,249	30,220	1,744,432	25,156,401	25,145,655	15,571,847	15,609,412	5,320,366	780,071	629,467
		1989	100	31,031	31,013	2,161,416	31,079,998	31,059,237	17,881,097	19,454,916	6,651,586	1,595,044	459,611
		1990	98	32,304	32,291	2,518,270	33,045,208	33,003,308	16,080,632	19,806,191	10,010,058	5,132,242	4,478,291
		1991	100	32,808	32,797	3,077,794	40,832,944	40,806,012	16,481,337	25,107,041	9,956,368	1,647,378	1,256,673
		1993	86	26,462	26,432	2,975,522	55,029,737	54,943,522	22,263,525	32,773,372	13,781,648	2,341,854	1,548,940
		1994	86	25,069	25,060	3,333,811	47,644,079	47,319,255	25,941,887	28,834,566	19,025,110	2,738,527	1,820,652
		1995	88	25,036	25,026	3,385,695	51,633,226	51,451,551	19,876,112	33,132,105	24,627,053	7,744,114	5,219,452
		1986	25	12,339	12,330	328,512	15,198,401	13,994,812	7,228,108	6,766,704	592,039	120,944	103,396
		1987	25	12,974	12,964	389,399	15,256,274	15,523,203	5,665,213	9,857,990	847,550	286,348	138,282
		1988	32	14,957	14,946	513,093	16,035,727	15,916,677	11,726,471	8,514,591	701,951	41,396	35,905
		1989	33	13,761	13,753	601,714	16,837,718	16,679,410	12,309,729	9,014,235	1,828,998	1,034,161	147,146
		1990	28	13,001	12,993	677,246	18,310,985	18,065,693	8,665,852	10,214,310	1,891,524	256,763	239,556
		1991	28	501	13,494	854,601	18,736,151	18,459,596	9,073,645	11,087,992	2,060,428	353,713	338,696

表 AS5-3 (Continued)
 General Statistics for Manufacturing Establishments by Major Industry Group 1986-1991, 1993-1995
 (Value and cost figures in thousand pesos)

Code	Major Industry Group	Year	Number of Establishments	Employment		Total Receipts	Products/By Products Sold	Total Costs	Census Value Added	Total Book Value of Fixed Assets	Capital Expenditure of Fixed Assets total	Capital Expenditure of Fixed Assets New	
				(Average for the Year)	Number of employees paid								
321	Textile	1993	22	12,690	12,687	866,416	22,497,100	22,168,933	8,071,544	14,796,059	2,569,947	413,041	407,946
		1994	21	11,696	11,688	947,440	26,661,838	26,368,269	23,493,603	17,967,568	1,572,621	157,906	153,837
		1995	20	11,082	11,078	1,011,974	27,885,347	27,706,263	9,009,435	18,563,406	1,659,888	587,582	560,749
		1986	305	70,686	70,565	1,469,356	11,473,969	11,583,593	7,853,701	3,729,891	4,683,374	381,517	319,445
		1987	297	76,813	76,734	1,829,770	14,699,451	15,324,983	10,445,610	4,879,373	6,688,904	1,234,872	1,040,655
		1988	547	89,499	89,131	2,537,838	19,166,636	17,929,007	15,414,947	6,067,987	8,936,617	1,998,289	1,286,446
		1989	537	101,012	150,763	3,432,160	24,795,182	23,221,567	18,979,215	7,828,152	11,306,997	1,530,950	1,246,719
		1990	537	97,596	97,331	3,623,477	27,239,227	25,967,896	18,765,818	9,463,755	11,423,527	1,584,010	1,377,653
		1991	567	84,297	84,022	3,849,284	27,741,428	26,173,810	19,643,181	9,359,654	12,395,865	1,436,574	923,254
		1993	575	66,965	66,607	3,534,099	25,695,052	24,902,671	15,936,060	10,146,979	14,912,618	1,298,158	1,003,041
		1994	537	63,594	63,593	3,856,869	26,260,960	25,215,586	20,451,878	10,068,466	13,581,626	1,857,591	1,306,692
		1995	491	55,878	55,635	3,738,620	31,233,947	30,530,837	19,986,891	12,393,689	15,790,202	2,606,447	2,023,769
		1986	426	91,998	91,375	2,064,112	6,144,554	6,289,084	3,063,168	3,225,911	876,937	194,086	110,586
		1987	414	101,845	101,277	2,499,670	6,241,574	9,383,281	5,187,845	4,195,437	1,047,281	261,204	180,164
		1988	1,556	142,160	140,260	4,040,902	15,104,941	10,711,362	9,064,451	7,768,450	1,572,001	319,617	255,664
1989	1,391	192,451	190,730	6,463,915	24,380,094	15,316,973	13,673,436	13,619,225	3,076,033	1,394,424	776,973		
1990	1,550	167,676	165,939	6,273,581	23,421,663	17,450,457	13,840,649	11,503,712	2,803,192	448,710	295,566		
1991	1,776	172,874	170,929	7,529,701	32,921,592	25,441,966	18,186,818	15,374,694	3,201,195	641,927	326,613		
1993	1,722	161,609	160,345	7,885,896	36,691,505	32,811,381	19,509,741	17,409,516	4,712,312	578,934	510,693		
1994	1,612	145,980	144,635	7,897,869	36,030,911	29,864,722	20,019,918	20,344,170	4,332,463	659,652	517,904		
1995	1,495	144,586	143,376	8,504,736	35,172,335	32,673,951	17,403,660	18,632,160	5,504,942	774,953	706,112		
1986	41	2,200	2,166	31,773	187,010	195,236	134,022	61,214	49,939	10,926	1,334		
323	Leather and leather products, leather substitutes furs, except footwear and wearing apparel	1987	39	2,905	2,886	46,285	224,166	265,634	166,712	98,923	74,299	25,145	18,059
		1988	120	5,167	5,043	115,047	508,930	478,202	392,033	203,394	138,122	27,798	22,784
		1989	109	8,225	8,104	238,649	772,141	719,643	479,529	421,487	196,814	913,575	7,074
		1990	106	7,639	7,524	287,689	979,240	930,970	526,709	569,696	249,545	28,920	18,704
		1991	100	8,141	8,027	339,665	1,531,896	1,447,214	931,215	641,045	304,734	61,708	49,538
		1993	83	5,439	5,372	277,737	1,141,174	1,081,454	617,026	487,041	268,439	29,011	17,412
		1994	84	6,321	6,232	322,711	1,192,800	1,110,391	821,589	499,937	277,786	14,032	10,748
		1995	84	8,075	8,027	437,033	1,690,850	1,678,823	958,297	738,911	330,719	23,193	13,714

表 AS5-3 (Continued)

General Statistics for Manufacturing Establishments by Major Industry Group 1986-1991, 1993-1995
(Value and cost figures in thousand pesos)

Code	Major Industry Group	Year	Number of Establishments		Employment (Average for the Year)		Total Receipts	Products/By Products		Total Costs	Census Value Added	Total Book Value of Fixed Assets	Capital Expenditure of Fixed Assets total	Capital Expenditure of Fixed Assets New
			Total	Employed	Total	Solid								
324	Footwear, except rubber, plastic or wood furniture	1986	124	8,591	8,352	137,239	609,047	609,981	369,404	240,577	159,867	16,019	12,096	
		1987	111	6,557	6,367	114,608	467,083	473,760	277,777	195,984	106,888	8,235	5,140	
		1988	441	9,589	8,759	135,490	634,355	623,910	4,242,667	254,298	142,903	12,579	6,641	
		1989	363	10,124	9,526	167,888	740,136	724,643	4,668,10	356,351	138,338	11,530	7,477	
		1990	351	8,784	8,273	173,789	707,741	674,225	410,047	316,598	347,444	12,406	9,881	
		1991	350	15,308	14,834	385,104	2,260,965	2,228,202	1,525,529	1,003,261	547,802	172,026	169,269	
		1993	363	15,607	15,102	498,886	3,730,535	3,724,245	1,463,746	2,427,108	514,759	32,815	27,790	
		1994	384	15,557	14,953	613,257	3,528,868	3,525,296	2,998,659	1,121,098	500,840	43,414	27,562	
		1995	370	14,594	14,103	627,995	2,938,570	2,897,122	1,958,455	1,060,152	523,272	45,682	41,266	
		1986		270	44,667	44,440	847,969	6,191,639	6,240,852	4,095,647	2,155,205	2,134,483	324,135	125,555
331	Wood, wood and cork products, except furniture	1987	254	44,574	44,433	1,041,860	7,374,259	7,766,363	5,386,855	2,379,508	2,306,861	240,158	90,792	
		1988	682	56,433	55,791	1,561,599	10,801,869	10,344,766	8,528,346	3,762,990	2,005,140	339,616	195,543	
		1989	661	54,953	54,370	1,720,580	10,984,716	10,097,725	8,001,327	4,354,784	2,280,317	18,612	205,025	
		1990	604	45,525	44,994	1,644,224	10,853,859	9,518,202	7,318,314	3,699,264	2,377,421	371,332	275,292	
		1991	613	43,479	42,983	1,610,790	12,039,773	11,136,393	7,688,435	4,698,512	2,722,695	405,090	224,719	
		1993	454	30,040	29,572	1,224,368	9,936,212	9,769,768	6,796,969	3,740,342	2,727,298	377,493	247,529	
		1994	401	24,254	23,870	1,110,450	8,807,620	8,570,820	7,143,002	3,239,553	2,520,956	803,752	343,285	
		1995	351	23,799	23,486	1,154,735	8,144,724	7,779,839	5,980,047	2,870,834	2,773,191	247,579	149,510	
		1986		253	21,932	21,598	346,256	1,457,840	1,468,611	838,516	630,095	278,632	36,850	25,283
		332	Furniture and fixtures, except primarily of metal	1987	231	27,056	26,806	490,850	1,999,837	2,077,762	1,247,019	930,743	414,319	77,704
1988	678			41,276	40,528	841,174	3,792,838	3,647,682	2,544,854	1,664,114	706,403	99,062	84,741	
1989	585			42,530	41,996	1,020,793	4,242,781	4,005,923	2,726,362	1,947,525	854,178	311,429	81,091	
1990	601			36,908	35,581	1,082,045	4,063,181	3,911,309	2,501,239	1,994,962	966,862	121,542	93,514	
1991	629			33,671	33,063	1,180,023	4,986,141	4,784,663	2,717,858	2,399,394	1,046,144	135,690	91,318	
1993	557			23,494	23,133	895,898	5,798,625	5,704,062	3,655,361	2,199,590	1,034,745	192,803	143,491	
1994	497			24,269	23,891	1,020,180	5,436,650	5,372,751	4,000,210	2,401,484	1,079,705	165,622	129,201	
1995	435			21,251	20,843	989,855	5,093,135	5,044,799	3,141,350	1,998,586	1,099,710	144,481	116,598	
1986				101	11,480	11,460	323,884	7,768,439	7,851,097	4,404,270	3,446,828	1,875,218	55,644	49,185
1987				106	11,707	11,688	370,662	7,057,683	7,255,367	4,657,148	2,598,219	1,500,386	125,674	99,113
1988		176	15,433	15,387	679,804	10,149,402	9,996,789	7,295,417	3,604,360	2,419,964	179,602	125,739		
341	Paper and paper products	1986												
		1987												
		1988												
		1989												
		1990												
		1991												
		1993												
		1994												
		1995												
		1986												

表 AS5-3 (Continued)

General Statistics for Manufacturing Establishments by Major Industry Group 1986-1991, 1993-1995
(Value and cost figures in thousand pesos)

Code	Major Industry Group	Year	Number of Establishments	Employment (Average for the Year)		Total Receipts	Products Sold	Total Costs	Census Value Added	Total Book Value of Fixed Assets	Capital Expenditure of Fixed Assets	Capital Expenditure of Fixed Assets: New		
				Total	Number of Employees									
342	Printing, publishing and allied industries	1989	165	15,754	15,701	11,515,044	11,416,391	8,336,539	3,848,108	2,409,684	128,556	191,481		
		1990	158	14,945	14,895	12,385,487	12,213,252	8,691,263	4,437,284	2,926,918	453,923	400,497		
		1991	176	15,581	15,532	14,943,495	14,762,520	10,301,551	5,093,301	3,619,482	569,544	472,093		
		1993	200	15,795	15,720	13,937,421	13,806,144	9,387,650	5,114,622	4,586,749	899,699	620,242		
		1994	215	17,906	17,749	15,113,068	16,665,425	12,714,167	6,662,428	8,127,538	1,178,304	1,055,351		
		1995	205	19,021	18,959	17,119,746	22,418,796	15,027,619	8,002,726	12,558,263	3,779,996	3,188,788		
		1986	380	16,476	16,218	439,717	2,899,033	2,917,246	1,169,804	625,000	64,206	43,113		
		1987	366	16,819	16,610	511,193	3,224,579	3,558,918	1,319,660	708,257	143,913	121,030		
		1988	636	20,311	19,781	697,953	4,167,471	3,239,834	1,681,775	893,238	133,606	120,328		
		1989	554	22,029	21,583	918,900	5,482,899	4,094,855	2,382,260	1,212,747	207,603	332,572		
		1990	591	21,975	21,560	1,089,504	6,467,368	5,376,025	2,678,401	1,307,526	117,345	119,873		
		1991	641	21,904	21,557	1,274,064	7,598,466	5,839,789	4,453,583	2,678,401	117,345	119,873		
		1993	630	26,423	26,253	1,872,638	14,650,325	14,228,525	4,630,801	1,875,314	544,239	320,820		
		1994	637	22,380	21,944	1,719,080	10,950,318	9,005,193	9,274,474	5,955,294	5,057,407	1,168,462		
		1995	632	23,364	22,791	1,930,871	13,012,839	11,418,281	7,763,052	4,803,052	2,779,142	617,919		
		1986	86	8,905	8,795	347,969	8,653,622	10,338,351	5,858,508	4,474,843	531,422	437,784		
		1987	89	9,086	9,079	504,933	11,224,018	11,787,604	8,272,780	3,514,824	2,016,844	144,442		
		1988	115	10,879	10,870	696,678	13,863,990	12,940,847	11,462,036	5,427,256	14,426,196	631,396		
		1989	133	10,601	10,574	780,300	15,768,766	14,801,756	13,541,856	4,632,816	14,950,602	381,592		
1990	137	11,376	11,357	969,323	18,624,922	17,418,012	12,951,864	6,714,540	15,403,861	337,164				
1991	160	12,733	12,713	1,198,086	23,827,503	22,306,234	15,293,233	9,381,579	13,706,540	842,626				
1993	148	11,567	11,564	1,430,805	21,828,469	21,019,055	11,704,418	9,765,377	12,336,432	731,577				
1994	171	11,640	11,617	1,349,143	22,903,802	21,691,705	18,591,915	8,550,350	12,782,141	851,494				
1995	189	11,958	11,918	1,570,360	27,465,530	26,831,718	18,127,204	9,723,685	13,913,038	1,304,041				
1986	214	24,643	24,600	1,612,585	16,762,995	16,732,338	9,283,840	7,448,498	2,304,896	496,462				
1987	206	24,799	24,761	1,876,742	19,697,365	20,657,978	11,731,999	8,925,979	4,665,879	457,977				
1988	301	29,700	29,638	2,625,810	29,893,833	26,445,563	22,082,903	12,344,159	3,765,584	744,894				
1989	306	31,999	31,930	3,227,706	37,819,072	33,783,947	26,258,072	16,803,287	4,946,348	313,051				
1990	293	31,566	31,517	3,978,264	41,552,487	36,173,990	27,815,390	18,634,868	5,575,849	1,664,205				
1991	329	31,567	31,474	4,787,618	51,524,963	44,749,823	26,519,839	25,892,079	6,423,309	1,562,400				
1993	291	31,026	30,949	5,550,071	59,354,163	52,218,819	28,118,563	32,122,462	8,858,306	2,364,374				
1994	288	31,101	30,965	5,976,644	63,274,730	55,746,955	36,477,002	33,820,199	11,686,029	3,421,320				
1995	293	32,395	32,236	6,687,296	69,368,744	62,260,495	32,324,325	36,416,818	14,526,092	4,254,759				
351	Industrial chemicals	1989	86	8,905	8,795	347,969	8,653,622	10,338,351	5,858,508	4,474,843	531,422	437,784		
		1986	86	8,905	8,795	347,969	8,653,622	10,338,351	5,858,508	4,474,843	531,422	437,784		
		1987	89	9,086	9,079	504,933	11,224,018	11,787,604	8,272,780	3,514,824	2,016,844	144,442		
		1988	115	10,879	10,870	696,678	13,863,990	12,940,847	11,462,036	5,427,256	14,426,196	631,396		
		1989	133	10,601	10,574	780,300	15,768,766	14,801,756	13,541,856	4,632,816	14,950,602	381,592		
		1990	137	11,376	11,357	969,323	18,624,922	17,418,012	12,951,864	6,714,540	15,403,861	337,164		
		1991	160	12,733	12,713	1,198,086	23,827,503	22,306,234	15,293,233	9,381,579	13,706,540	842,626		
		1993	148	11,567	11,564	1,430,805	21,828,469	21,019,055	11,704,418	9,765,377	12,336,432	731,577		
		1994	171	11,640	11,617	1,349,143	22,903,802	21,691,705	18,591,915	8,550,350	12,782,141	851,494		
		1995	189	11,958	11,918	1,570,360	27,465,530	26,831,718	18,127,204	9,723,685	13,913,038	1,304,041		
		352	Other chemicals	1989	165	15,754	15,701	11,515,044	11,416,391	8,336,539	3,848,108	2,409,684	128,556	191,481
				1990	158	14,945	14,895	12,385,487	12,213,252	8,691,263	4,437,284	2,926,918	453,923	400,497
				1991	176	15,581	15,532	14,943,495	14,762,520	10,301,551	5,093,301	3,619,482	569,544	472,093
				1993	200	15,795	15,720	13,937,421	13,806,144	9,387,650	5,114,622	4,586,749	899,699	620,242
				1994	215	17,906	17,749	15,113,068	16,665,425	12,714,167	6,662,428	8,127,538	1,178,304	1,055,351
				1995	205	19,021	18,959	17,119,746	22,418,796	15,027,619	8,002,726	12,558,263	3,779,996	3,188,788
				1986	380	16,476	16,218	439,717	2,899,033	2,917,246	1,169,804	625,000	64,206	43,113
				1987	366	16,819	16,610	511,193	3,224,579	3,558,918	1,319,660	708,257	143,913	121,030
				1988	636	20,311	19,781	697,953	4,167,471	3,239,834	1,681,775	893,238	133,606	120,328
1989	554			22,029	21,583	918,900	5,482,899	4,094,855	2,382,260	1,212,747	207,603	332,572		
1990	591			21,975	21,560	1,089,504	6,467,368	5,376,025	2,678,401	1,307,526	117,345	119,873		
1991	641			21,904	21,557	1,274,064	7,598,466	5,839,789	4,453,583	2,678,401	117,345	119,873		
1993	630			26,423	26,253	1,872,638	14,650,325	14,228,525	4,630,801	1,875,314	544,239	320,820		
1994	637			22,380	21,944	1,719,080	10,950,318	9,005,193	9,274,474	5,955,294	5,057,407	1,168,462		
1995	632			23,364	22,791	1,930,871	13,012,839	11,418,281	7,763,052	4,803,052	2,779,142	617,919		
1986	86			8,905	8,795	347,969	8,653,622	10,338,351	5,858,508	4,474,843	531,422	437,784		
1987	89			9,086	9,079	504,933	11,224,018	11,787,604	8,272,780	3,514,824	2,016,844	144,442		
1988	115			10,879	10,870	696,678	13,863,990	12,940,847	11,462,036	5,427,256	14,426,196	631,396		
1989	133			10,601	10,574	780,300	15,768,766	14,801,756	13,541,856	4,632,816	14,950,602	381,592		
1990	137	11,376	11,357	969,323	18,624,922	17,418,012	12,951,864	6,714,540	15,403,861	337,164				
1991	160	12,733	12,713	1,198,086	23,827,503	22,306,234	15,293,233	9,381,579	13,706,540	842,626				
1993	148	11,567	11,564	1,430,805	21,828,469	21,019,055	11,704,418	9,765,377	12,336,432	731,577				
1994	171	11,640	11,617	1,349,143	22,903,802	21,691,705	18,591,915	8,550,350	12,782,141	851,494				
1995	189	11,958	11,918	1,570,360	27,465,530	26,831,718	18,127,204	9,723,685	13,913,038	1,304,041				
1986	214	24,643	24,600	1,612,585	16,762,995	16,732,338	9,283,840	7,448,498	2,304,896	496,462				
1987	206	24,799	24,761	1,876,742	19,697,365	20,657,978	11,731,999	8,925,979	4,665,879	457,977				
1988	301	29,700	29,638	2,625,810	29,893,833	26,445,563	22,082,903	12,344,159	3,765,584	744,894				
1989	306	31,999	31,930	3,227,706	37,819,072	33,783,947	26,258,072	16,803,287	4,946,348	313,051				
1990	293	31,566	31,517	3,978,264	41,552,487	36,173,990	27,815,390	18,634,868	5,575,849	1,664,205				
1991	329	31,567	31,474	4,787,618	51,524,963	44,749,823	26,519,839	25,892,079	6,423,309	1,562,400				
1993	291	31,026	30,949	5,550,071	59,354,163	52,218,819	28,118,563	32,122,462	8,858,306	2,364,374				
1994	288	31,101	30,965	5,976,644	63,274,730	55,746,955	36,477,002	33,820,199	11,686,029	3,421,320				
1995	293	32,395	32,236	6,687,296	69,368,744	62,260,495	32,324,325	36,416,818	14,526,092	4,254,759				

表 AS5-3 (Continued)
 General Statistics for Manufacturing Establishments by Major Industry Group 1986-1991, 1993-1995
 (Value and cost figures in thousand pesos)

Code	Major Industry Group	Year	Number of Establishments	Employment		Total Receipts	Products/By Products Sold	Total Costs	Census Value Added	Total Book Value of Fixed Assets	Capital Expenditure of Fixed Assets	Capital Expenditure of Fixed Assets New	
				(Average for the Year)	Number of Employees								
353	Petroleum refineries	1986	4	2,351	2,351	38,967,338	38,118,800	22,678,529	15,440,271	3,653,718	600,710	377,131	
		1987	4	2,451	2,451	42,663,394	44,305,932	32,941,044	11,364,888	3,979,909	1,102,080	1,120,196	
		1988	4	2,431	2,431	45,034,614	44,177,116	42,268,502	8,075,119	3,840,751	515,366	513,881	
		1989	4	2,384	2,384	533,025	44,118,447	43,276,104	38,205,454	6,366,763	3,928,820	1,375,823	458,106
		1990	4	2,492	2,492	707,164	64,747,860	63,213,055	57,849,881	11,891,302	6,891,268	1,628,606	1,635,441
		1991	4	2,421	2,421	836,245	90,819,767	90,158,875	71,143,569	17,429,687	10,666,093	4,486,869	4,486,869
		1993	4	2,594	2,594	1,023,579	91,566,583	91,799,080	78,093,514	13,302,945	24,709,145	10,488,807	10,488,807
		1994	4	2,677	2,677	1,412,676	112,161,142	111,299,516	101,964,310	26,241,172	30,908,947	7,781,634	7,781,634
		1995	4	2,616	2,616	1,247,281	121,960,089	120,170,165	82,296,675	40,819,035	31,998,116	3,718,021	3,718,021
		1986	Miscellaneous products of petroleum and coal	1986	8	395	395	226,707	229,385	175,859	53,526	33,762	5,310
1987	7	382		382	272,797	281,169	204,504	76,664	32,563	9,293	591		
1988	16	552		552	491,276	480,746	416,051	138,706	48,761	5,719	5,622		
1989	12	492		492	269,062	268,259	277,909	35,942	44,473	234,320	6,197	6,224	
1990	12	494		494	440,372	418,120	362,282	68,916	95,254	112,264	15,285	13,614	
1991	15	603		603	1,137,630	1,105,228	1,000,581	147,689	77,369	3,979	2,712		
1993	16	793		793	1,083,705	1,004,969	721,359	373,423	132,232	3,895	3,538		
1994	14	762		761	45,633	833,579	764,824	169,023	174,343	20,222	11,076		
1995	16	646		646	86,090	1,332,683	1,149,522	466,936	631,084	94,967	84,762		
1986	Rubber products	1986		112	18,556	18,512	502,935	3,337,289	1,995,421	1,341,868	631,084	94,967	84,762
1987		106	22,713	22,685	668,719	4,313,656	2,630,937	1,682,718	765,930	126,669	65,040		
1988		174	24,181	26,126	1,127,509	8,388,988	8,162,727	5,985,517	1,838,386	477,334	429,833		
1989		162	26,659	26,625	1,133,989	7,572,143	7,206,056	5,082,460	1,775,961	478,859	430,094		
1990		179	29,326	29,295	1,549,589	8,718,436	8,211,181	5,784,821	3,770,854	1,970,444	589,322	464,752	
1991		172	26,475	26,441	1,633,556	9,697,494	9,265,497	5,828,856	4,211,580	2,959,570	942,025	841,487	
1993		178	22,511	22,558	1,948,756	11,076,683	10,520,421	6,127,689	3,151,487	903,557	762,740		
1994		187	23,865	23,796	1,770,346	9,828,266	9,470,707	6,413,852	4,488,863	2,461,075	407,483	372,994	
1995		175	19,894	19,827	1,442,127	10,084,701	9,887,227	5,226,184	5,149,092	3,778,925	1,568,859	494,101	
1986		Plastic products	1986	168	12,180	12,126	263,195	2,757,570	1,971,871	810,899	757,506	64,402	58,402
1987	162		13,381	13,340	347,640	3,853,597	3,954,374	2,856,013	1,098,361	863,736	102,423	91,136	
1988	300		17,616	17,549	553,838	6,506,132	6,225,442	5,182,367	2,251,327	1,121,135	155,582		
1989	280		19,989	19,971	699,481	7,751,456	7,632,095	6,267,553	1,928,801	1,243,306	172,743	163,539	
1990	285		19,957	19,936	795,625	9,149,333	8,734,886	7,322,868	2,665,201	2,015,414	366,038	296,391	

表 AS5-3 (Continued)
 General Statistics for Manufacturing Establishments by Major Industry Group 1986-1991, 1993-1995
 (Value and cost figures in thousand pesos)

Code	Major Industry Group	Year	Number of Establishments	Employment		Total Receipts	Products Sold	Total Costs	Census Value Added	Total Book Value of Fixed Assets	Capital Expenditure of Fixed Assets	Capital Expenditure of Fixed Assets New	
				Total	(Average for the Year)								
361	Pottery, china and earthenware	1991	310	19,731	19,689	1,076,236	12,530,126	11,748,782	8,711,536	4,163,914	3,151,722	926,766	905,860
		1993	377	23,628	23,594	1,327,527	12,728,159	12,639,365	8,442,991	5,084,842	4,222,830	1,349,599	658,674
		1994	377	25,876	25,768	1,773,444	15,203,319	14,793,826	11,900,728	6,422,481	4,327,768	1,474,397	1,032,369
		1995	359	25,013	24,829	1,919,187	20,099,402	19,797,597	12,993,543	7,268,473	8,180,519	2,577,227	2,415,536
		1986	21	2,909	2,890	72,458	330,962	348,685	183,524	165,162	294,836	7,065	6,110
		1987	22	3,624	3,590	100,478	480,204	480,915	217,173	263,742	279,018	13,978	12,810
		1988	59	5,066	5,002	192,453	762,829	752,215	449,467	462,887	346,556	71,806	55,669
		1989	51	4,680	4,632	224,719	915,637	895,254	474,536	554,357	360,045	141,458	114,560
		1990	51	4,763	4,713	277,998	1,158,247	1,102,703	575,518	670,931	381,384	123,936	126,441
		1991	67	6,307	6,247	390,986	1,548,095	1,396,840	663,389	863,137	487,004	46,059	41,725
		1993	61	9,462	9,391	573,608	2,357,521	2,311,591	1,060,626	1,307,595	1,016,084	147,436	140,133
		1994	68	10,270	10,158	676,472	2,503,674	2,454,002	1,398,254	1,521,017	1,245,775	182,363	156,361
		1995	59	8,394	8,281	645,235	2,287,462	2,259,541	951,680	1,387,321	1,240,660	153,775	148,225
		1986	25	4,635	4,628	203,532	1,769,191	1,781,534	935,611	945,923	1,021,648	56,127	52,282
1987	21	5,115	5,109	287,807	2,272,317	2,305,376	1,225,273	1,080,102	977,031	98,548	55,375		
1988	35	5,776	5,762	438,619	3,008,738	2,937,478	1,529,804	1,782,109	894,180	183,731	143,926		
1989	33	7,324	7,292	617,512	3,296,046	3,219,182	1,673,520	1,970,247	1,046,130	191,955	124,186		
1990	24	8,320	8,303	852,624	3,861,967	3,788,889	1,845,681	2,084,975	1,974,893	774,144	773,914		
1991	41	8,455	8,442	922,645	5,191,646	5,126,354	2,701,089	2,802,652	5,681,013	928,998	922,543		
1993	53	5,860	5,841	580,884	4,933,048	4,934,340	2,486,693	2,434,101	4,921,059	803,024	802,981		
1994	53	5,155	5,141	547,633	5,866,483	5,760,374	3,376,754	3,417,988	4,961,633	361,436	358,404		
1995	46	5,179	5,163	629,299	6,167,250	6,157,084	2,461,402	3,847,893	5,151,771	1,159,811	1,027,917		
1986	17	6,018	6,018	203,753	3,121,159	3,167,975	2,255,917	912,058	5,723,592	155,814	100,688		
1987	15	4,922	4,922	249,317	4,009,014	4,043,600	2,521,583	1,522,018	4,233,187	111,420	91,450		
1988	17	5,893	5,893	311,289	5,552,778	5,552,143	4,235,355	1,921,092	3,888,616	116,071	100,291		
1989	17	6,038	6,038	414,052	7,226,109	7,209,302	4,927,452	3,092,905	4,160,221	257,076	225,957		
1990	18	6,369	6,369	539,282	8,352,427	8,316,812	5,862,878	2,903,996	4,579,689	474,699	356,990		
1991	19	6,157	6,155	602,470	10,935,623	10,887,880	7,056,185	3,992,844	4,615,561	678,544	540,761		
1993	18	6,744	6,744	776,609	13,324,508	13,369,437	7,663,276	5,773,156	7,989,895	1,274,419	1,157,747		
1994	271	107,910	107,784	9,840,440	102,599,205	100,214,247	80,302,947	32,240,790	24,530,104	10,625,637	9,972,142		
1994	18	7,107	7,107	910,129	16,233,988	16,131,419	10,590,275	7,010,401	15,583,532	5,754,933	5,526,356		
1995	18	6,955	6,955	1,062,412	18,960,770	18,960,623	9,950,217	9,501,507	21,038,976	6,749,844	6,126,731		
1986	144	7,630	7,474	142,363	997,229	1,048,588	578,118	470,470	619,147	26,888	20,124		
362	Glass and glass products												
363	Cement												
369	Non-metallic mineral products												

表 AS-3 (Continued)
 General Statistics for Manufacturing Establishments by Major Industry Group 1986-1991, 1993-1995
 (Value and cost figures in thousand pesos)

Code	Major Industry Group	Year	Number of Establishments	Employment		Total Receipts	Products Sold	Total Costs	Census Value Added	Total Book Value of Fixed Assets	Capital Expenditure of Fixed Assets	Capital Expenditure of Fixed Assets New			
				(Average for the Year)	Number of Employees										
371	Iron and steel	1987	131	7,779	7,639	179,939	1,241,314	1,291,510	772,076	519,434	648,251	94,318	69,473		
		1988	353	11,219	10,876	305,864	1,918,853	1,715,785	1,327,723	969,694	731,327	113,846	78,604		
		1989	316	13,113	12,799	461,839	2,824,361	2,570,139	1,779,248	1,496,810	920,051	123,112	92,305		
		1990	353	16,188	15,798	605,746	4,861,930	4,007,011	2,880,467	2,706,815	2,084,155	811,546	659,865		
		1991	386	15,991	15,528	814,479	4,642,913	4,277,477	2,514,583	2,381,593	1,968,734	398,160	316,138		
		1993	322	13,947	13,024	840,410	5,168,792	4,993,132	2,531,564	2,829,274	2,630,049	542,995	360,275		
		1994	304	13,903	13,728	870,829	5,942,429	5,792,216	3,798,827	3,138,664	2,795,351	542,753	420,848		
		1995	249	12,985	12,189	941,377	6,759,619	6,520,615	3,350,679	3,378,634	4,016,359	1,243,190	1,171,939		
		1986	108	15,381	15,365	511,424	11,554,477	11,553,392	8,801,329	2,752,062	4,468,899	1,667,771	1,607,859		
		1987	99	14,383	14,376	581,360	13,958,740	14,546,995	11,314,739	3,232,256	5,874,850	821,134	736,838		
		1988	127	15,507	15,497	742,635	18,376,315	18,873,804	17,190,923	5,115,119	9,098,252	3,196,882	3,156,141		
		1989	139	17,497	17,479	1,149,386	24,506,139	24,346,573	23,813,417	4,681,484	9,872,759	1,021,288	934,739		
		1990	153	19,010	18,997	1,371,887	29,223,068	28,965,263	22,682,007	5,704,894	9,877,027	1,653,985	1,635,391		
		1991	173	19,314	19,309	1,566,432	30,277,358	29,764,195	24,010,352	8,229,996	10,133,817	347,593	306,094		
		1993	178	18,827	18,791	1,845,361	38,043,425	37,921,284	31,080,438	9,455,178	16,418,726	2,999,930	2,737,009		
		1994	191	21,516	21,484	2,121,677	35,870,659	35,656,589	24,888,830	14,877,444	28,953,731	13,337,716	12,753,697		
		1995	196	22,897	22,866	2,211,060	45,084,902	45,728,484	34,556,311	14,100,656	27,149,832	2,396,239	1,535,558		
		372	Non-ferrous metal	1986	30	2,903	2,889	100,785	7,951,244	7,718,494	6,707,828	1,010,666	8,117,962	9,721	2,950
				1987	22	2,578	2,574	100,235	6,886,158	8,056,890	6,921,250	1,135,641	7,810,811	10,047	7,593
				1988	35	2,618	2,604	144,432	11,736,344	10,348,613	10,504,175	3,029,505	10,261,123	203,616	203,272
				1989	33	2,740	2,722	167,034	12,511,773	10,964,986	10,792,735	1,202,096	9,072,818	-247,308	435,661
1990	31			2,770	2,748	173,626	12,835,228	11,084,608	11,008,191	2,833,765	11,750,391	130,968	33,731		
1991	28			2,324	2,319	251,046	12,563,723	10,594,290	11,712,543	870,685	10,529,253	612,894	92,668		
1993	30			3,364	3,356	380,131	16,446,046	13,903,365	9,153,942	7,106,065	10,376,599	473,750	423,709		
1994	34			3,589	3,576	459,244	16,997,604	14,387,877	15,121,789	3,475,540	10,287,419	188,932	96,124		
1995	40			4,150	4,143	524,409	23,328,349	21,059,391	17,910,753	6,496,069	10,520,266	548,932	531,302		
1986	266			16,732	16,533	371,186	3,532,157	3,595,450	2,377,187	1,218,263	1,176,343	132,982	45,752		
381	Fabricated metal products, except machinery and equipment, furniture and fixtures primarily of metal	1987	258	18,958	18,197	468,931	3,740,892	4,363,350	3,002,705	1,360,645	1,169,655	145,050	81,958		
		1988	483	21,733	21,435	642,738	5,803,073	5,301,344	4,828,926	1,914,541	1,178,813	179,503	146,578		
		1989	415	25,175	24,937	914,120	7,898,467	6,919,362	6,628,939	2,700,241	1,091,000	80,980	103,484		
		1990	412	22,975	22,763	1,073,284	9,896,333	8,535,203	7,395,206	3,146,852	1,640,865	170,774	188,234		
		1991	527	26,759	26,463	1,278,859	12,126,879	10,516,353	8,311,589	4,037,706	1,839,387	604,632	537,848		

表 AS5-3 (Continued)
 General Statistics for Manufacturing Establishments by Major Industry Group 1986-1991, 1993-1995
 (Value and cost figures in thousand pesos)

Code	Major Industry Group	Year	Number of Establishments	Employment (Average for the Year)		Total Receipts	Products/By Products Sold	Total Costs	Census Value Added	Total Book Value of Fixed Assets	Capital Expenditure of Fixed Assets total	Capital Expenditure of Fixed Assets New			
				Total	Number of Employees paid										
382	Machinery except electrical	1992	565	29,589	29,411	1,599,934	13,326,252	12,121,874	9,442,014	4,686,309	3,695,099	795,707	647,177		
		1994	555	29,365	29,021	1,839,858	15,670,815	14,474,798	11,516,884	6,017,929	3,921,080	782,494	584,736		
		1995	548	30,343	32,980	2,132,430	17,913,754	17,208,243	12,152,414	6,077,971	5,162,301	1,021,635	910,887		
		1986	316	12,667	12,352	287,240	1,591,796	1,552,815	788,073	764,742	476,247	41,019	28,781		
		1987	299	12,634	12,419	343,090	2,163,633	2,483,404	1,298,317	1,185,087	492,918	51,957	37,475		
		1988	552	18,576	18,164	568,200	3,311,175	2,727,573	2,441,548	1,024,261	741,233	179,637	138,495		
		1989	460	20,076	19,901	757,547	4,758,900	4,166,134	3,676,235	1,676,781	914,118	223,682	169,208		
		1990	463	19,852	19,619	858,715	4,221,240	3,284,458	3,195,467	1,802,004	1,045,084	197,350	100,927		
		1991	517	19,815	19,503	1,125,889	5,746,437	4,551,621	3,340,135	2,406,850	2,394,596	509,096	160,843		
		1993	488	19,873	19,636	965,281	10,407,532	9,575,970	7,588,089	2,975,051	2,903,660	543,491	322,567		
		1994	464	21,801	21,564	1,558,997	11,424,725	10,711,036	8,853,500	3,711,605	3,102,011	1,127,910	300,434		
		1995	451	28,919	28,738	2,338,524	20,564,474	19,234,514	13,444,509	8,074,663	5,104,169	1,969,496	1,901,114		
		383	Electrical machinery, apparatus, appliances and supplies	1986	159	40,085	40,052	1,378,766	13,746,213	14,102,432	9,518,028	4,584,405	2,960,754	854,313	709,887
				1987	151	43,372	43,243	1,786,367	18,133,671	18,952,019	13,230,104	5,721,915	3,609,184	1,540,599	1,379
				1988	214	54,374	54,331	2,860,202	25,223,751	24,298,396	20,096,114	7,560,587	5,116,773	1,878,636	1,592,738
1989	208			58,078	58,053	3,203,091	32,863,209	30,632,969	24,429,531	11,000,504	6,077,590	1,574,188	1,528,308		
1990	228			76,003	75,964	4,694,190	47,986,467	43,528,635	32,838,098	18,834,730	10,362,850	4,208,339	3,770,949		
1991	272			89,834	89,807	6,446,320	70,306,565	65,435,002	45,087,954	27,054,318	16,565,202	4,975,111	4,403,547		
1993	265			98,645	98,604	8,126,575	81,366,678	78,804,748	54,293,833	28,277,589	19,057,266	7,099,519	6,585,567		
1995	287			127,058	126,942	11,357,188	122,971,972	120,250,568	82,450,753	43,504,052	36,095,415	13,506,753	13,030,938		
384	Transport equipment			1986	160	11,690	11,617	329,382	2,526,168	2,606,489	1,658,700	947,788	1,745,294	55,633	42,144
				1987	145	11,708	11,648	372,520	3,429,732	4,360,695	2,832,731	1,527,964	1,581,374	78,085	87,743
				1988	230	14,053	13,910	584,415	8,884,788	7,224,642	7,674,056	2,510,282	2,180,429	297,343	208,044
				1989	210	17,363	17,267	849,948	8,018,518	15,555,415	15,130,249	4,476,725	3,209,788	596,523	411,176
				1990	241	21,302	21,065	1,197,273	24,172,702	21,571,500	19,069,761	6,185,742	5,166,624	1,540,154	918,423
				1991	246	21,808	21,698	1,347,660	23,831,483	21,148,633	18,109,223	6,026,920	5,184,996	1,280,603	920,933
				1993	257	23,920	23,852	1,938,239	44,291,643	38,848,067	33,560,203	12,578,621	7,512,187	3,255,458	1,494,662
385	Professional and scientific, measuring and controlling equipment, n.e.c. and photographic and optical instrument	1994	264	24,098	23,946	2,425,826	50,702,151	48,053,369	42,290,708	11,579,278	6,496,705	1,650,390	1,224,748		
		1995	253	25,309	24,765	2,566,032	58,859,245	54,942,141	44,423,129	15,625,390	7,628,595	1,881,641	1,540,939		
		1986	13	3,401	3,399	94,487	295,302	296,666	96,915	199,752	111,036	29,888	29,242		
		1987	11	3,174	3,172	79,470	152,876	324,923	113,887	211,036	140,683	81,373	85,594		

表 AS5-3 (Continued)
 General Statistics for Manufacturing Establishments by Major Industry Group 1986-1991, 1993-1995
 (Value and cost figures in thousand pesos)

Code	Major Industry Group	Year	Number of Establishments	Employment		Total Receipts	Products Sold	Total Costs	Census Value Added	Total Book Value of Fixed Assets	Capital Expenditure of Fixed Assets total	Capital Expenditure of Fixed Assets: New			
				(Average for the Year)	Number of Employees										
386	Furniture and fixtures primarily of metal	1986	11	3,634	3,632	123,416	377,517	174,495	200,390	227,209	126,621	14,117	9,492		
		1989	11	3,146	3,145	140,017	466,008	247,113	240,965	232,040	69,580	11,290	10,594		
		1990	9	2,877	2,873	166,930	401,384	135,724	169,721	277,356	72,049	29,821	29,701		
		1991	11	2,816	2,816	212,151	640,196	359,995	283,223	367,916	87,334	20,891	19,927		
		1993	19	7,452	7,452	408,105	2,402,510	2,396,948	1,438,653	1,064,163	441,436	251,513	205,983		
		1994	13	6,533	6,533	544,892	1,606,194	1,598,510	941,516	971,616	415,951	172,603	126,610		
		1995	18	6,874	6,874	585,600	1,995,394	1,994,593	1,021,314	939,578	715,920	267,743	240,622		
		1986	26	629	616	11,121	44,341	47,589	25,281	22,308	87,669	804	615		
		1987	23	687	680	12,907	52,334	57,421	32,443	24,978	93,025	2,201	2,072		
		1988	36	1,091	1,059	24,462	106,751	90,373	74,377	48,725	95,864	5,541	2,603		
		1989	23	1,048	1,030	32,063	166,332	145,332	112,969	78,180	74,991	15,027	8,664		
		1990	31	1,013	998	41,143	170,604	125,984	109,248	89,610	67,760	3,785	2,493		
		1991	40	1,712	1,682	77,232	338,830	263,318	196,856	170,491	167,304	32,510	29,719		
		1993	35	1,470	1,442	58,404	392,378	375,132	303,194	101,297	83,566	3,731	2,304		
		1994	34	1,799	1,774	113,852	584,654	570,130	473,550	170,956	204,534	27,488	22,871		
		1995	35	2,286	2,251	100,660	725,591	738,461	521,969	242,356	256,383	21,966	10,480		
		390	Other manufacturing industries	1986	141	14,573	14,406	311,684	1,185,433	1,218,468	573,097	645,371	299,754	44,340	34,282
				1987	138	12,722	12,600	357,936	1,030,623	1,404,390	671,948	732,442	282,398	41,708	26,792
				1988	365	24,451	23,867	619,141	2,600,818	2,183,440	1,688,747	1,279,293	353,456	76,623	53,885
1989	345			21,667	21,321	633,884	3,281,411	3,030,834	2,374,509	1,426,049	547,209	159,451	143,269		
1990	321			22,890	22,648	865,114	4,526,451	4,201,211	2,931,334	2,134,760	850,177	119,760	118,531		
1991	346			26,022	25,762	1,073,646	5,640,406	5,232,995	3,486,845	2,352,334	1,023,230	133,377	100,865		
1993	319			26,186	26,003	1,268,667	6,451,185	5,981,831	3,697,576	3,185,783	1,473,119	373,172	366,598		
1994	312			26,882	26,750	1,523,235	7,256,309	6,988,766	5,146,189	3,429,625	1,769,382	515,473	456,606		
1995	304			25,854	25,660	1,603,978	7,679,526	7,561,866	4,178,774	3,689,002	1,988,929	435,886	307,428		

Source: 1986(PSY1986), 1987(PSY1987), 1988(PSY1988), 1989(PSY1989), 1990(PSY1990), 1991(PSY1991), 1993(PSY1993), 1994(PSY1994), 1995(PSY1995), 1996(PSY1996), 1997(PSY1997), 1995 (PSY1998) Table 6.2