

I.D.E. Statistical Data Series No.78

(Asian International Input-Output Series No.51)

**Taiwan-Japan
Input-Output Joint Research Project
TRI-IDE**

**INTERNATIONAL INPUT-OUTPUT TABLE
TAIWAN-JAPAN**

1990

日本・台湾国際産業連関表

1990年

February, 1997

Institute of Developing Economies
Tokyo, Japan

Taiwan Research Institute
Taipei, Taiwan

I.D.E. Statistical Data Series No.78

(Asian International Input-Output Series No.51)

**Taiwan-Japan
Input-Output Joint Research Project
TRI-IDE**

**INTERNATIONAL INPUT-OUTPUT TABLE
TAIWAN-JAPAN**

1990

**日本・台湾国際産業連関表
1990年**

February, 1997

Institute of Developing Economies
Tokyo, Japan

Taiwan Research Institute
Taipei, Taiwan

©Copyright in 1997 Institute of Developing Economies,
42 Ichigaya-Hommuracho, Shinjuku-ku, Tokyo 162, Japan
All rights are reserved. No part of this book may be reprinted
without written permission from the Institute.

日本・台湾国際産業連関表-1990年 (統計資料シリーズ第78集)
(AIOシリーズNo. 51)

1997年3月発行©

定価6077円(本体5900円)

発行所 アジア経済研究所
東京都新宿区市谷本村町42
電話 東京(3353)4231

発売所 アジア経済出版会
東京都新宿区市谷本村町42
電話 東京(3353)1640
FAX (3357)0435
振替 00150-7-143692

印刷所 協業組合 東京ジェーピー
東京都港区西新橋2丁目37番6号
(ジェーピー会館)
電話 東京(3578)3311

落丁・乱丁はお取替え致します。

ISBN4-258-12078-2 C3033

定價6077円(本体5900円)

ISBN4-258-12078-2 C3033

Contents

Preface

Member List of This Joint Project

PART I COMPILATION OF THE INTERNATIONAL INPUT-OUTPUT TABLE, TAIWAN-JAPAN, 1990

Chapter 1	Introduction.....	1
Chapter 2	General Outline.....	1
	2.1 The Scheme of The Table.....	1
	2.2 Definitions and Conventions.....	2
	2.3 Compilation Stages.....	4
Chapter 3	Explanatory Notes on Compilation and Estimation.....	5
	3.1 Bilateral Uniform Input-Output Sector Classification.....	5
	3.2 Preparation for Bilateral Table by Taiwan Side.....	5
	3.2.1 An Updated 1990 Input-Output Table of Taiwan.....	5
	3.2.2 Re-examining The Bilateral Uniform Input-Output Classification with Respect to The Foreign Trade Statistics.....	6
	3.2.3 Import Transaction Matrices by Origin Country/Region.....	6
	3.2.4 Uniform I-O Sector Classification.....	7
	3.2.5 Compilation of Export Vectors by Origin Country/Region	8
	3.2.6 Conversion Ratios Between Taiwan Industrial I-O Codes & BUIO Sector Classification.....	8
	3.2.7 Conversion to Producer's Prices of Import Matrix of Japan.....	8
	3.3 Preparation for Bilateral Table by Japan Side.....	8
	3.3.1 Japanese Import Matrix.....	8
	3.3.2 Special Survey for Import Matrices by Country of Origin	8
	3.3.3 Japanese Import Matrices by Country of Origin.....	8
	3.3.4 Treatment for Special Imports and Direct Imports.....	10
	3.3.5 International Freight and Insurance, and Taiwan x Japan Matrix at Producers' Price of Taiwan.....	10
	3.3.6 Japanese Export Matrix by Destination Country.....	11
	3.3.7 Special Treatments for The Japanese Input-Output Table.....	11
	3.4 Conversion to Common Currency.....	11
	3.5 Reconciliation and Statistical Discrepancies.....	12

PART II STATISTICAL TABLES

Table 1	International input-output table (7 sectors).....	13
Table 2	Input coefficients (7 sectors).....	18
Table 3	Output coefficients (7 sectors).....	23
Table 4	Inverse matrix (7 sectors).....	26
Table 5	International input-output table (70 sectors) : input table (value and coefficient).....	27
Table 6	International input-output table (70 sectors) : output table (value and coefficient).....	70
Table 7	Inverse matrix (70 sectors).....	115
Table 8	International input-output table (133 sectors) : input table (value and coefficient).....	145
Table 9	International input-output table (133 sectors) : Output table (value and coefficient).....	248

APPENDIX

1.	The coding system for bilateral input-output table (133 sectors).....	355
2.	Bilateral uniform i-o sector classifications (BUIO).....	357
3.	Bridge of the "BUIO-Taiwan i-o sector classifications (NIO) -Japan i-o sector classification (JIO)"	360
4.	Abbreviations.....	377

PREFACE

In recent years, many countries in the Asia-Pacific region have given proof of their capacity to sustain stable economic growth under a constantly evolving environment. In particular, the swift appreciation of the Japanese yen since the Plaza Agreement in 1985 has led many Japanese investors to relocate production facilities in neighboring countries, leading to the dramatic change in industrial configuration within the region. The resulting shifts in the pattern of level of technology in East and Southeast Asia have become a major analytical focus for academic and policy research.

Accordingly, Institute of Developing Economies, Japan, and the Taiwan Research Institute, Taiwan launched a joint research project in 1994 for compilation of the International Input-Output Table, Taiwan-Japan, 1990. In principle, the table adopts the format and framework of its predecessor, the International Input-Output Table, Taiwan-Japan, 1985 facilitating time-series analysis of the technological change that took place between 1985 and 1990.

It is our pleasure here to present the International Input-Output Table, Taiwan-Japan, 1990, which we hope will find widespread use as a powerful analytical tool serving the public interest. Also, we would like to express our sincere gratitude to the staff of collaborating institutions for their painstaking efforts and supportive cooperation in the completion of this joint project.

February, 1997

Takao Sano
Director
Statistical Research Department
Institute of Developing Economies
Japan

Tsai-Yi Wu
Director
Research Division I
Taiwan Research Institute
Taiwan

Member List of This Joint Project

(1) Taiwan Research Institute, Taiwan

Tsai-Yi Wu	Director Research Division I
Mae-Ling Wu	Associate Research Fellow Research Division I
Shih-Hau Chen	Associate Research Fellow Research Division I
Yea-Wen Chiueh	Senior Assistant Research Fellow Research Division I
Hsiu-Chin Peng	Junior Assistant Research Fellow Research Division I

(2) Institute of Developing Economies, Japan

Takao Sano	Director Statistical Research Department
Jun Nakamura	Senior Research Fellow Statistical Research Department
Chiharu Tamamura	Senior Research Fellow, Singapore Statistical Research Department
Yoshinori Kaneko	former Deputy Chief, Statistics Planning and Analysis Division Statistical Research Department (former IDE Taiwan-Japan I-O Project Coordinator)
Kenichi Sasaki	Assistant Senior Researcher, Statistics Planning and Analysis Division Statistical Research Department (IDE Taiwan-Japan I-O Project Coordinator)
Satoshi Inomata	Statistics Planning and Analysis Division Statistical Research Department
Nobuhiro Okamoto	Statistics Planning and Analysis Division Statistical Research Department