USER'S GUIDE

2003

PACAP DATABASES

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PREFACE

The Pacific-Basin Capital Markets (PACAP) Databases are created and maintain by the Sandra Ann Morsilli Pacific-Basin Capital Markets Research Center, College of Business Administration at The University of Rhode Island in collaboration with the Asia-Pacific Financial Markets Research Center of the University of Hawaii. Once completed, the PACAP Databases will consist of historical capital markets data for 8 capital markets in the Pacific-Basin region. Markets and the target completion dates are as follows:

COUNTRIES	TARGET DATE FOR AVAILABILITY
Hong Kong	Now Available
Japan	Now Available
Korea	Now Available
Malaysia	Now Available
Taiwan	Now Available
Thailand	Now Available
Indonesia	Now Available
Singapore	Now Available

For each country's databases, 13 (or 14) files are currently included in the PACAP:

1. Company File
2. Daily Exchange Rate File
3. Key Economic Statistics File - Monthly
4. Key Economic Statistics File - Quarterly/Yearly
5. Calendar File
6. Financial Statements File - Industrial Companies
7. Financial Statements File - Financial Companies
8. Capital Distributions File
9. Monthly Market Returns File
10. Monthly Indices File
11. Daily Market Returns File
12. Daily Indices File
13. Monthly Stock Price and Returns File
14. Daily Stock Price and Returns File

Currently, the PACAP files consist of data from January 1, 1975 to December 31, 2002. Both common and preferred stocks are recorded.

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Subscription is on a country-by-country basis. Annual update services are available in or around September of each year.

Stock market and company information is collected from the individual country's Stock Exchange. Sources for economic statistics include publications and data tapes from each country's Central Bank. Machine-readable data are checked for internal consistency, and original data sources are used to check suspect information. Information not available in machine-readable form is hand-coded and verified.

Information on how to use this Guide is provided on the page following the Table of Contents. If there are any questions concerning PACAP Databases, please contact:

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Information Applicable to All Countries in PACAP Databases:

Supplementary Information Applicable to Specific Countries:

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HOW TO USE THIS MANUAL

PAGE NUMBERING SYSTEM

In order to facilitate the use of this Guide, abbreviations are used in place of the country's names in the page numbering system (see Appendix A.1 for the list of countries and their corresponding abbreviations). Any chapter or page number which refers only to a specific country is followed by that country's abbreviation. For example, a page numbered "1.4" refers to a page containing information applicable to all countries. In order to reference information pertaining only to Taiwan, the page is extended with the abbreviation for Taiwan (TW) to read "1.4.TW.1...").

ORGANIZATION OF CHAPTERS

Chapter 1 contains the structure of the 14 files included in the PACAP Databases. Within every file, each data element is assigned a FORTRAN/SAS code name.

Chapter 2 contains the definition of each data element. Definitions common to all countries are listed in alphabetical order by their FORTRAN/SAS code names at the beginning of the chapter. For example, the data element CUNTRY, the FORTRAN/SAS code name for *Country ID*, is an element common to all countries and is explained on page 2.9 (Chapter 2, page 9). The common data definitions are then followed by definitions of data elements applicable only to specific countries. For example, the data element TWM1, the FORTRAN/SAS code name for *N.T. Dollars per U.S. Dollars* in the Monthly Key Economic Statistics File (Taiwan), is found on page 2.TW.3 (Chapter 2, page 3 of the Taiwan section).

Chapter 3 describes the layout of the data tape(s) and contains 14 FORTRAN/SAS sample retrieval programs to access the PACAP Databases. Each program reads and prints the contents of one file. The programs that are standard for all countries are shown in the beginning of the chapter. The programs that are applicable only to specific countries are shown at the end of the chapter.

Supplementary information is provided in the Appendices. Appendix A contains information which is applicable to all countries. Appendices B through D contain information applicable to specific countries. Please refer to the Table of Contents for a list of appendices.

Country specific information is provided only to subscribers of that particular country's database.

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FILE STRUCTURE

INTRODUCTION

This chapter contains the file structures of the 13 or 14 files included in each country's database. The file sequence and file names are as follows:

Hong Kong
Indonesia
Japan
Malaysia
Singapore
Taiwan
Thailand   **Korea**

File No.	File No.	File Name	Dataset Name
0001	0001	Company File	COMPANY
0002	0002	Daily Exchange Rate File	EXCHANGE
0003	0003	Key Economic Statistics File - Monthly	MNTHECON
0004		Key Economic Statistics File - Quarterly (for Japan only)	QRTRECON
0004	0004	Key Economic Statistics File - Yearly (for other countries)	YEARECON
0005	0005	Calendar File	CALENDAR
0006	0006	Financial Statements File - Industrial Companies	FINSTMT
0007		Financial Statements File - Financial Companies	FINBANK
0008	0007	Capital Distributions File	CPTLDIST
0009	0008	Monthly Market Returns File	MONTHMKT
0010	0009	Monthly Indices File	MNTHINDX
0011	0010	Daily Market Returns File	DALYMKRT
0012	0011	Daily Indices File	DALYINDX
0013	0012	Monthly Stock Price and Returns File	MNTHRTN
0014	0013	Daily Stock Price and Returns File	DALYRTN

The number of records and the beginning and ending dates of each file can be found listed by country in Appendix B. Within database files, each data element has been assigned a FORTRAN/SAS code name, which is used for retrieval. (See PACAP sample programs in Chapter 3).

A definition of each data element is provided in Chapter 2 - Data Definition.

COMPANY FILE - One record per company/stock

This file contains the general information of a company (or a stock if the company has more than one stock type). Descriptions of the Country IDs, Status Codes, currency codes, and missing codes are shown in Appendix A. Industry Codes and Industry Names are listed in Appendix B. Section Codes are listed in Appendix C. Complete listings of companies are provided in Appendices D and E.

Dataset Name:	COMPANY
File Number:	1
Record Size:	277 (for all countries except Hong Kong & Taiwan)
	431 (for Hong Kong only)
	327 (for Taiwan)
Sequence:	Company ID (ascending)
	Stock Type (ascending)

The following file structure is standard for all countries except Hong Kong and Singapore.
For Hong Kong, see page 1.2.HK.1
For Singapore, see page 1.2.SN.1

Data Element Name	FORTRAN/ SAS Name *	Data Type	Field Size	Comments
Country ID	CUNTRY	N	2	
Company ID	COID	C	6	
Company/Stock Name	CONAME	C	50	
Stock Type	STKTYP	N	1	
Industry Code	INDID	N	4	
Industry Name	INDNME	C	50	
Date Established	DTESTB	N	8	Stored as YYYYMMDD (e.g. 19800104)
Date Listed	DTLIST	N	8	Stored as YYYYMMDD
Date First Available	DTAVAL	N	8	First date common stock record is available in PACAP; stored as YYYYMMDD
Paid in Capital Currency	PICCUR	C	3	As of date listed if DTLIST is available
Paid in Capital	PICAP	N	10	In thousands of currency stored in PICCUR as of date listed
Par Value Currency	PARCUR	C	3	As of last date of PACAP if PARCUR is available
Par Value	PARVAL	N	8.2	In unit of currency stored in PARCUR as of last date of PACAP if STATCO = 'A' (Active)
Section Code	SECTID	N	1	As of last date of PACAP
Status of Company	STATCO	C	1	Company is delisted if this field is not equal to "A" (Active)
Cross Reference ID	CRID	C	6	Company ID link
Date of Status Change	DTSTAT	N	8	Blank if STATCO = A; stored as YYYYMMDD
Comments	COMMNT	C	100	

* These are suggested names and are used in PACAP sample programs. Users may change these names if they desire.

DAILY EXCHANGE RATE FILE - One record per day

This file contains the exchange rates in local currency per U.S. Dollar. Rates quoted are mid rates. For Korea, Taiwan, and Thailand, sources of data include publications and data tapes/disks from each country's Central Bank. For Japan, sources of data include publications of Toyo Keizai, Inc. and data tapes from Daiwa Institute of Research Ltd. For Hong Kong, sources of data include publications of the Hong Kong Government and Hang Seng Bank Ltd. For Malaysia, the sources of data include rate sheets of major commercial banks provided by the Kuala Lumpur Stock Exchange. For Singapore, source of data includes Financial News of Stock Exchange of Singapore.

Name: EXCHANGE
File Number: 2
Record Size: 20
Sequence: Trading Date (ascending)

Data Element Name	FORTRAN/ SAS Name	Data Type	Field Size	Comments
Country ID	CUNTRY	N	2	
Trading Date	DTTRD	N	8	Stored as YYYYMMDD
Day of Week	WKDAY	N	1	1 = Monday ...6 = Saturday
Daily Exchange Rate	XRATE	N	9.4	Local currency per US Dollar

KEY ECONOMIC STATISTICS FILES (MONTHLY, QUARTERLY OR YEARLY) - One record per period

Depending on the availability of data from individual country, the key economic statistics provided in the files are different for individual country.

The structures of each country's files are shown on the following pages. Each data element is assigned a 4, 5, or 6-digit code (FORTRAN/SAS name). Each data element is defined in the last part of Chapter 2. The first two digits of the code name represent the country abbreviation list in Appendix A (e.g. JA = Japan, KS = Korea). The third digit of the code name represents the frequency of the series where 'M' means monthly and 'Y' means yearly. If there is a sixth digit to the code name, it will have a value of 'A', 'B', 'C' or 'D'. This denotes that the same data element has different values. For example, many National Income Accounts items have values that are expressed in both current prices and constant prices. In this case A would be the current prices and B would be the constant prices.

Monthly File (for all countries)

Dataset Name:	MNTHECON
File Number:	3
Record Size:	696 (for Hong Kong)
	447 (for Indonesia)
	936 (for Japan)
	358 (for Korea)
	355 (for Malaysia)
	431 (for Singapore)
	379 (for Taiwan)
	298(for Thailand)
Sequence:	Calendar Month (ascending)

Quarterly File (for Japan only)

Dataset Name:	QRTRECON
File Number:	4
Record Size:	971 (for Japan)
Sequence:	Year and Quarter (ascending)

Yearly File (for all countries except Japan)

Dataset Name:	YEARECON
File Number:	4
Record Size:	489 (for Hong Kong)
	569 (for Indonesia)
	594 (for Korea)
	280 (for Malaysia)
	545 (for Singapore)
	874 (for Taiwan)
	470 (for Thailand)
Sequence:	Year (ascending)

KEY ECONOMIC STATISTICS FILES – TAIWAN

MONTHLY

Data Element Name	FORTRAN/ SAS Name	Data Type	Field Size	Comments
Country ID	CUNTRY	N	2	
Calendar Month	MONTH	N	6	Stored as YYYYMM

EXCHANGE RATES

N.T. Dollars per U.S. Dollar	TWM1	N	7.4	
N.T. Dollars per U.K. Pound	TWM2	N	7.4	
N.T. Dollars per Deutsche Mark	TWM3	N	7.4	
N.T. Dollars per French Franc	TWM4	N	7.4	
N.T. Dollars per Swiss Franc	TWM5	N	7.4	
N.T. Dollars per 100 Japanese Yen	TWM6	N	7.4	
N.T. Dollars per Hong Kong Dollar	TWM7	N	7.4	
N.T. Dollars per Singapore Dollar	TWM8	N	7.4	
N.T. Dollars per Australian Dollar	TWM9	N	7.4	
N.T. Dollars per Canadian Dollar	TWM10	N	7.4	

INTEREST RATES (in Percent per Annum)

Central Bank Rediscount Rate	TWM21	N	7.4	
Interbank Call Loan Rate	TWM22	N	7.4	
Commercial Paper 31-90 Days Secondary Market Rate	TWM23	N	7.4	
Commercial Paper 91-180 Days Secondary Market Rate	TWM24	N	7.4	
Negotiable CD 1-90 Days Secondary Market Rate	TWM25	N	7.4	
Negotiable CD Over 90 Days Secondary Market Rate	TWM26	N	7.4	
Treasury Bills 91 Days Primary Market Rate	TWM27	N	7.4	
Treasury Bills 364 Days Primary Market Rate	TWM28	N	7.4	
Government Bonds 5-Year Primary Market Rate	TWM29	N	7.4	
Corporate Bonds 5-Year Primary Market Rate	TWM30	N	7.4	

* Sources of data: 1) Data disks from the Central Bank of China.
2) Various issues of the Central Bank of China's *Financial Statistics Monthly: Taiwan District, The Republic of China*.
3) Various issues of the Executive Yuan, Republic of China's *Commodity-Price Statistics Monthly, Taiwan Area*; *Monthly Bulletin of Manpower Statistics, Taiwan Area*; and *National Income in Taiwan Area of the Republic of China*.

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KEY ECONOMIC STATISTICS FILES - TAIWAN (Continued)

MONTHLY

Data Element Name	FORTRAN/ SAS Name	Data Type	Field Size	Comments
MONETARY AGGREGATES* (in Millions of N.T. Dollars)				
Currency held by the Public				
- End of Month	TWM41A	N	8	
- Average of Month	TWM41B	N	8	
Money Supply - M1A				
- End of Month	TWM42A	N	8	
- Average of Month	TWM42B	N	8	
Money Supply - M1B				
- End of Month	TWM43A	N	8	
- Average of Month	TWM43B	N	8	
Money Supply - M2				
- End of Month	TWM44A	N	8	
- Average of Month	TWM44B	N	8	
BASE MONEY & RESERVES* (in Millions of N.T. Dollars)				
Monetary Base	TWM46	N	8	
Reserves held by Financial Institution				
- End of Month	TWM47A	N	8	
- Average of Month	TWM47B	N	8	
Required Reserves				
- Average of Month	TWM48	N	8	
Borrowings at Central Bank by				
Financial Institution				
- Average of Month	TWM49	N	8	
CREDITS (in Millions of N.T. Dollars)				
Total Loans and Discounts of All				
Domestic Banks	TWM51	N	8	

Note * The Economic Research Department of Central Bank of China changed the definition of the items from January 1997. See the Data Definition Chapter 2 for the details. The data available date is from July 1995 to reflect the new definition.

KEY ECONOMIC STATISTICS FILES - TAIWAN (Continued)

MONTHLY

Data Element Name	FORTRAN/ SAS Name	Data Type	Field Size	Comments
PRICE INDICES AND DEFLATORS				
Wholesale Price Index in Taiwan Area				
- Unadjusted				
Base Period 1991 = 100	TWM61A.1	N	7.2	
Base Period 1996 = 100	TWM61A.2	N	7.2	
- Seasonally Adjusted				
Base Period 1991 = 100	TWM61B.1	N	7.2	
Base Period 1996 = 100	TWM61B.2	N	7.2	
Consumer Price Index in Taiwan Area				
- Unadjusted				
Base Period 1991 = 100	TWM62A.1	N	7.2	
Base Period 1996 = 100	TWM62A.2	N	7.2	
- Seasonally Adjusted				
Base Period 1991 = 100	TWM62B.1	N	7.2	
Base Period 1996 = 100	TWM62B.2	N	7.2	
Import Price Index in Taiwan Area				
- Unadjusted				
Base Period 1991 = 100	TWM63A.1	N	7.2	
Base Period 1996 = 100	TWM63A.2	N	7.2	
- Seasonally Adjusted				
Base Period 1991 = 100	TWM63B.1	N	7.2	
Base Period 1996 = 100	TWM63B.2	N	7.2	
Export Price Index in Taiwan Area				
- Unadjusted				
Base Period 1991 = 100	TWM64A.1	N	7.2	
Base Period 1996 = 100	TWM64A.2	N	7.2	
- Seasonally Adjusted				
Base Period 1991 = 100	TWM64B.1	N	7.2	
Base Period 1996 = 100	TWM64B.2	N	7.2	
GOVERNMENT BUDGET (in Millions of N.T. Dollars)				
Outstanding Amount of Central				
Government Bonds	TWM71	N	7	

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KEY ECONOMIC STATISTICS FILES - TAIWAN (Continued)

YEARLY

Data Element Name	FORTRAN/ SAS Name	Data Type	Field Size	Comments
Country ID	CUNTRY	N	2	
Year	YEAR	N	4	Stored as YYYY

PRICE INDICES AND DEFLATORS

Wholesale Price Index in Taiwan				
Area - Unadjusted				
Base Period: 1991 = 100	TWY1A	N	7.2	
Base Period: 1996 = 100	TWY1B	N	7.2	
Consumer Price Index in Taiwan				
Area - Unadjusted				
Base Period: 1991 = 100	TWY2A	N	7.2	
Base Period: 1996 = 100	TWY2B	N	7.2	
Import Price Index in Taiwan				
Area - Unadjusted				
Base Period: 1991 = 100	TWY3A	N	7.2	
Base Period: 1996 = 100	TWY3B	N	7.2	
Export Price Index in Taiwan				
Area - Unadjusted				
Base Period: 1991 = 100	TWY4A	N	7.2	
Base Period: 1996 = 100	TWY4B	N	7.2	
Gross National Product Deflator				
Base Period: 1991 = 100	TWY5A	N	7.2	
Base Period: 1996 = 100	TWY5B	N	7.2	
Gross National Expenditure Deflator				
Base Period: 1991 = 100	TWY6A	N	7.2	
Base Period: 1996 = 100	TWY6B	N	7.2	
Private Final Consumption				
Expenditure Deflator				
Base Period: 1991 = 100	TWY7A	N	7.2	
Base Period: 1996 = 100	TWY7B	N	7.2	
Government Final Consumption				
Expenditure Deflator				
Base Period: 1991 = 100	TWY8A	N	7.2	
Base Period: 1996 = 100	TWY8B	N	7.2	
Gross Fixed Capital Formation				
Deflator				
Base Period: 1991 = 100	TWY9A	N	7.2	
Base Period: 1996 = 100	TWY9B	N	7.2	
Increase in Stocks Deflator				
Base Period: 1991 = 100	TWY10A	N	7.2	
Base Period: 1996 = 100	TWY10B	N	7.2	

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KEY ECONOMIC STATISTICS FILES - TAIWAN (Continued)

YEARLY

Data Element Name	FORTRAN/ SAS Name	Data Type	Field Size	Comments
Exports of Goods and Services Deflator				
Base Period: 1991 = 100	TWY11A	N	7.2	
Base Period: 1996 = 100	TWY11B	N	7.2	
Imports of Goods and Services Deflator				
Base Period: 1991 = 100	TWY12A	N	7.2	
Base Period: 1996 = 100	TWY12B	N	7.2	
Expenditure on Gross Domestic Product Deflator				
Base Period: 1991 = 100	TWY13A	N	7.2	
Base Period: 1996 = 100	TWY13B	N	7.2	
Net Domestic Product Deflator				
Base Period: 1991 = 100	TWY14A	N	7.2	
Base Period: 1996 = 100	TWY14B	N	7.2	
National Income at Factor Cost Deflator				
Base Period: 1991 = 100	TWY15A	N	7.2	
Base Period: 1996 = 100	TWY15B	N	7.2	

BALANCE OF PAYMENTS (in Millions of U.S. Dollars)

Old method of presentation from 1975 to 1996.

Data Element Name	FORTRAN/ SAS Name	Data Type	Field Size	Comments
Merchandise Exports f.o.b.	TWY21	N	7	
Merchandise Imports f.o.b.	TWY22	N	7	
Trade Balance	TWY23	N	7	= (TWY21 - TWY22)
Other Goods, Services and Income Exports	TWY24	N	7	
Other Goods, Services and Income Imports	TWY25	N	7	
Unrequited Transfers	TWY26	N	7	
Current Balance	TWY27	N	7	= (TWY23 + TWY24 - TWY25 + TWY26)
Direct Investment	TWY28	N	7	
Other Long-Term Capital	TWY29	N	7	
Short-Term Capital	TWY30	N	7	
Errors and Omissions	TWY31	N	7	
Counterpart Items	TWY32	N	7	
Change in Net Foreign Assets of the Banking System	TWY33	N	7	

KEY ECONOMIC STATISTICS FILES - TAIWAN (Continued)

YEARLY

Data Element Name	FORTRAN/ SAS Name	Data Type	Field Size	Comments
New method of presentation is starting 1985.*				
Goods Credit	TWY34	N	7	
Goods Debit	TWY35	N	7	
Total Goods	TWY36	N	7	= (TWY34 + TWY35)
Service Credit	TWY37	N	7	
Service Debit	TWY38	N	7	
Total Services	TWY39	N	7	= (TWY37 + TWY38)
Income Credit	TWY40	N	7	
Income Debit	TWY41	N	7	
Total Income	TWY42	N	7	= (TWY40 + TWY41)
Current Transfers	TWY43	N	7	
Current Account Balance	TWY44	N	7	= (TWY36 + TWY39 + TWY42 + TWY43)
Capital Account	TWY45	N	7	
Direct Investment	TWY46	N	7	
Portfolio Investment	TWY47	N	7	
Other Investment	TWY48	N	7	
Reserve Assets	TWY49	N	7	
Financial Account	TWY50	N	7	= (TWY46 + TWY47 + TWY48 + TWY49)
Capital and Finance Account	TWY51	N	7	= (TWY45 + TWY50)
Net Errors and Omissions	TWY52	N	7	
Overall Balance	TWY53	N	7	= (TWY44+TWY51+ TWY52 – TWY49)

Note* The Central Bank of China changed the method of presentation for the Balance of Payment since May 1997.

NATIONAL INCOME ACCOUNT (in Millions of N.T. Dollars)

Data Element Name	FORTRAN/ SAS Name	Data Type	Field Size	Comments
Gross Domestic Product				See Notes 1 and 2
- Nominal	TWY61A	N	7	
- Real (at 1991 Constant Price)	TWY61B	N	7	
- Real (at 1996 Constant Price)	TWY61C	N	7	
Net Factor Income from the Rest of the World				
- Nominal	TWY62A	N	7	
- Real (at 1991 Constant Price)	TWY62B	N	7	
- Real (at 1996 Constant Price)	TWY62C	N	7	
Gross National Product				
- Nominal	TWY63A	N	7	= (TWY61A + TWY62A)
- Real (at 1991 Constant Price)	TWY63B	N	7	= (TWY61B + TWY62B)
- Real (at 1996 Constant Price)	TWY63C	N	7	= (TWY61C + TWY62C)
Consumption of Fixed Capital				
- Nominal	TWY64A	N	7	
- Real (at 1991 Constant Price)	TWY64B	N	7	
- Real (at 1996 Constant Price)	TWY64C	N	7	

KEY ECONOMIC STATISTICS FILES - TAIWAN (Continued)

YEARLY

Data Element Name	FORTRAN/ SAS Name	Data Type	Field Size	Comments
Net National Product at Market Prices				
- Nominal	TWY65A	N	7	= (TWY63A – TWY64A)
- Real (at 1991 Constant Price)	TWY65B	N	7	= (TWY63B – TWY64B)
- Real (at 1996 Constant Price)	TWY65C	N	7	= (TWY63C – TWY64C)
Net Indirect Taxes				
- Nominal	TWY66A	N	7	= (TWY73 – TWY74)
- Real (at 1991 Constant Price)	TWY66B	N	7	
- Real (at 1996 Constant Price)	TWY66C			
Net National Product at Factor Cost				
- Nominal	TWY67A	N	7	= (TWY65A – TWY66A)
- Real (at 1991 Constant Price)	TWY67B	N	7	= (TWY65B – TWY66B)
- Real (at 1996 Constant Price)	TWY67C	N	7	= (TWY65C – TWY66C)
Gain (Loss) Resulting from Changes in the Terms of Trade				
- Nominal	TWY68A	N	7	
- Real (at 1991 Constant Price)	TWY68B	N	7	
- Real (at 1996 Constant Price)	TWY68C	N	7	
National Income at Factor Cost				
- Nominal	TWY69A	N	7	= (TWY67A + TWY68A)
- Real (at 1991 Constant Price)	TWY69B	N	7	= (TWY67B + TWY68B)
- Real (at 1996 Constant Price)	TWY69C	N	7	= (TWY67C + TWY68C)
Compensation of Employees - Nominal	TWY70	N	7	
Operating Surplus - Nominal	TWY71	N	7	
Domestic Factor Income				
- Nominal	TWY72A	N	7	= (TWY70 + TW71)
- Real (at 1991 Constant Price)	TWY72B	N	7	
- Real (at 1996 Constant Price)	TWY72C	N	7	

NATIONAL INCOME ACCOUNT (in Millions of N.T. Dollars)

Data Element Name	FORTRAN/ SAS Name	Data Type	Field Size	Comments
Indirect Taxes - Nominal	TWY73	N	7	
Subsidies - Nominal	TWY74	N	7	
Government Final Consumption Expenditure				
- Nominal	TWY75A	N	7	
- Real (at 1991 Constant Price)	TWY75B	N	7	
- Real (at 1996 Constant Price)	TWY75C	N	7	
Private Final Consumption Expenditure				
- Nominal	TWY76A	N	7	
- Real (at 1991 Constant Price)	TWY76B	N	7	
- Real (at 1996 Constant Price)	TWY76C	N	7	
Increase in Stocks				
- Nominal	TWY77A	N	7	
- Real (at 1991 Constant Price)	TWY77B	N	7	
- Real (at 1996 Constant Price)	TWY77C	N	7	

KEY ECONOMIC STATISTICS FILES - TAIWAN (Continued)

YEARLY

Data Element Name	FORTRAN/ SAS Name	Data Type	Field Size	Comments
Gross Fixed Capital Formation				
- Nominal	TWY78A	N	7	
- Real (at 1991 Constant Price)	TWY78B	N	7	
- Real (at 1996 Constant Price)	TWY78C	N	7	
Exports of Goods and Services				
- Nominal	TWY79A	N	7	
- Real (at 1991 Constant Price)	TWY79B	N	7	
- Real (at 1996 Constant Price)	TWY79C	N	7	
Imports of Goods and Services				
- Nominal	TWY80A	N	7	
- Real (at 1991 Constant Price)	TWY80B	N	7	
- Real (at 1996 Constant Price)	TWY80C	N	7	
Other Current Transfers from the Rest of the World - Nominal	TWY81	N	7	
Savings - Nominal	TWY82	N	7	
National Disposable Income - Nominal	TWY83	N	7	See Notes 3 and 4

Notes: 1.   Components of GDP from the Income Approach:
$$TWY61 = TWY64 + TWY66 + TWY72$$

2.   Components of GDP from the Expenditure Approach:
$$TWY61 = TWY75 + TWY76 + TWY77 + TWY78 + TWY79 - TWY80$$

3.   Nominal National Disposable Income from the Income Approach:
$$TWY83 = TWY62A + TWY66A + TWY72A + TWY81$$

4.   Nominal National Disposable Income from the Appropriation Approach:
$$TWY83 = TWY75A + TWY76A + TWY82$$

POPULATION & LABOR MARKETS

Data Element Name	FORTRAN/ SAS Name	Data Type	Field Size	Comments
Total Population	TWY91	N	7	(in thousand persons)
Total Labor Force				
- Unadjusted	TWY92A	N	7	(in thousand persons)
- Seasonally Adjusted	TWY92B	N	7	(in thousand persons)
Labor Force Employed				
- Unadjusted	TWY93A	N	7	(in thousand persons)
- Seasonally Adjusted	TWY93B	N	7	(in thousand persons)
Unemployment Rate				
- Seasonally Adjusted	TWY94	N	7.2	

CALENDAR FILE - One record per day

This file contains information on the trading status of the Stock Exchange. Each record represents a calendar date.

Dataset Name: CALENDAR
File Number: 5
Record Size: 12
Sequence: Calendar Date (ascending)

Data Element Name	FORTRAN/ SAS Name	Data Type	Field Size	Comments
Country ID	CUNTRY	N	2	
Calendar Date	DTCAL	N	8	Stored as YYYYMMDD
Day of Week	WKDAY	N	1	1 = Monday ...6 = Saturday
Status of Stock Exchange	STATSE	C	1	O = Open; C = Closed

FINANCIAL STATEMENTS FILES - One record per company per fiscal year

The financial statements are stored in two files. For financial companies (including banks, insurance, and finance), the records are stored in the FINBANK dataset. For all other industries, records are stored in the FINSTMT dataset.

Each record in the files is made up of five groups of data:
1. Company Information
2. Balance Sheet Items
3. Income Statement Items
4. Market Related Data
5. Supplementary Items

The first four groups are standard for all countries (except variations in unit of measurement). Definitions for these groups of items can be found in the first part of Chapter 2. The fifth group differs by country; it contains the supplementary information of items summarized in the balance sheet and income statement. Definitions for these supplementary items can be found in the last part of Chapter 2. The structure of each country's file is shown on the following pages.

Industrial Companies (for all countries)

Dataset Name: FINSTMT
File Number: 6
Record Size: 839 (for Hong Kong)
                    867 (for Indonesia)
                    1325 (for Japan)
                    577 (for Korea)
                    537 (for Malaysia)
                    940 (for Singapore)
                    1171 (for Taiwan)
                    709 (for Thailand)
Sequence: Company ID (ascending)
                    Year (ascending)
                    Fiscal (ascending)

Financial Companies (available for all countries)

Dataset Name: FINBANK
File Number: 7 (for Hong Kong, Japan, Malaysia, Singapore, Taiwan, and Thailand)
Record Size: 773 (for Hong Kong)
                    957 (for Indonesia)
                    2964 (for Japan)
                    963 (for Korea)
                    557 (for Malaysia)
                    557 (for Singapore)
                    1149 (for Taiwan)
                    787 (for Thailand)
Sequence: Company ID (ascending)
                    Year (ascending)
                    Fiscal (ascending)

FINANCIAL STATEMENTS FILES - TAIWAN

INDUSTRIAL COMPANIES

Data Element Name	FORTRAN/ SAS Name	Data Type	Field Size	Comments
COMPANY INFORMATION				
Country ID	CUNTRY	N	2	
Company ID	COID	C	6	
Industry Code	INDID	N	4	
Year	YEAR	N	4	Stored as YYYY (e.g.1980)
Fiscal Year End	FISCAL	N	6	Stored as YYYYMM (e.g. January 1993 = 199301)
Months Covered in Income Statement	MONCOV	N	2	
Financial Statement Currency	FINCUR	C	3	
BALANCE SHEET (In Thousands of N.T. Dollars)				
Assets				
Cash	BAL1	N	11	= (TWF1+TWF2)
Marketable Securities	BAL2	N	11	
Accounts & Notes Receivable	BAL3	N	11	= (TWF4+TWF5+TWF7)
Inventories	BAL4	N	11	
Other Current Assets	BAL5	N	11	= (TWF3+TWF6+TWF8+TWF9)
Total Current Assets	BAL6	N	11	
Net Fixed Assets	BAL7	N	11	= (TWF14…TWF18 -TWF19+TWF20)
Investments & Other Assets	BAL8	N	11	= (TWF13 + TWF29)
Total Assets	BAL9	N	11	
Liabilities and Stockholders' Equity				
Accounts & Notes Payable	BAL10	N	11	= (TWF32+TWF33+TWF38)
Short-Term Loans	BAL11	N	11	= (TWF30+TWF31+TWF39)
Other Current Liabilities	BAL12	N	11	= (TWF34…TWF37+TWF40)
Total Current Liabilities	BAL13	N	11	
Long-Term Loans	BAL14	N	11	
Debentures	BAL15	N	11	
Other Long-Term Liabilities	BAL16	N	11	= (TWF41…TWF45)
Total Liabilities	BAL17	N	11	
Capital Stock	BAL18	N	11	= (TWF47…TWF49)
Additional Paid-in Capital	BAL19	N	11	N/A; stored as -8888888888
Retained Earnings	BAL20	N	11	= (TWF55+TWF57)
Total Stockholders' Equity	BAL21	N	11	(including TWF50)
Total Liabilities & Stockholders' Equity	BAL22	N	11	(including TWF46)

FINANCIAL STATEMENTS FILES - TAIWAN (Continued)

INDUSTRIAL COMPANIES

Data Element Name	FORTRAN/ SAS Name	Data Type	Field Size	Comments
INCOME STATEMENT (In Thousands of N.T. Dollars)				
Sales	INC1	N	11	
Cost of Sales	INC2	N	11	= (TWF58+TWF59)
Gross Profit	INC3	N	11	
Selling & Administrative Expenses	INC4	N	11	
Income from Operations	INC5	N	11	
Other Revenues/Expenses	INC6	N	11	= (TWF60 - TWF61)
Income Tax	INC7	N	11	
Extraordinary Gains/Losses	INC8	N	11	= (TWF62 + TWF63 + TWF64)
Net Income	INC9	N	11	(including TWF65)
MARKET RELATED DATA				
Cash Dividends - Common	MKT1	N	11.2	In local currency per share
Stock Dividends - Common	MKT2	N	11.2	Allocation Rate in decimal
Ending Price - Common Stock	MKT3	N	11.2	Last Price quoted in Fiscal Year
Ending Price - Preferred Stock	MKT4	N	11.2	Last Price quoted in Fiscal Year
Number of Shares Outstanding - Common Stock	MKT5	N	11	As of Fiscal Year End (in thousands of shares)
Number of Shares Outstanding - Preferred Stock	MKT6	N	11	As of Fiscal Year End (in thousands of shares)
SUPPLEMENTARY ITEMS (In Thousands of N.T. Dollars)				
Cash and Cash Equivalent	TWF1	N	11	
Collateral Deposit	TWF2	N	11	
Other Investments	TWF3	N	11	
Notes Receivable	TWF4	N	11	
Accounts Receivable	TWF5	N	11	
Other Receivable	TWF6	N	11	
Due from Associated Co.	TWF7	N	11	
Deposit & Prepayment	TWF8	N	11	
Other Current Assets	TWF9	N	11	
Investment Properties	TWF10	N	11	
Investment in Assoc./Sub. Co.	TWF11	N	11	
Other Investment	TWF12	N	11	
Total Investment	TWF13	N	11	= (TWF10+TWF11+TWF12)
Land	TWF14	N	11	
Building	TWF15	N	11	

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Machine, F&F., Equip., & Vehicles	TWF16	N	11	
Other Fixed Assets	TWF17	N	11	
Appraisal Increase in Value	TWF18	N	11	
Accumulated Depreciation	TWF19	N	11	
Incomplete Contract & Prepayment	TWF20	N	11	
Rental & Other Non-operating Properties	TWF21	N	11	
Long-term Deposit & Prepayment	TWF22	N	11	
Long-term Receivable	TWF23	N	11	
Due from Associated Co. - Long-Term	TWF24	N	11	
Deferred Taxation	TWF25	N	11	
Deferred Assets	TWF26	N	11	
Intangible Assets	TWF27	N	11	
Other Long-term Assets	TWF28	N	11	
Total Long-term Assets	TWF29	N	11	= (TWF21 …TWF28)
Bank Loan & Borrowing	TWF30	N	11	
Short-term Bills Payable	TWF31	N	11	
Notes Payable	TWF32	N	11	
Accounts Payable	TWF33	N	11	
Accruals & Other Payable	TWF34	N	11	
Taxation	TWF35	N	11	
Lease Obligation	TWF36	N	11	
Advances & Deposit Received	TWF37	N	11	
Due to Associated Co.	TWF38	N	11	
Current portion of LT Debt	TWF39	N	11	
Other Current Liabilities	TWF40	N	11	
Due to Associated Co. - Long-Term	TWF41	N	11	
Deferred Income	TWF42	N	11	
Deferred Taxation	TWF43	N	11	
Provision	TWF44	N	11	
Other Long-term Liabilities	TWF45	N	11	
Minority Interest	TWF46	N	11	
Share Capital	TWF47	N	11	
Preferred Share Capital	TWF48	N	11	
Adjustments to Share Capital	TWF49	N	11	
Share Premium	TWF50	N	11	
Capital Reserve	TWF51	N	11	
Other Reserve	TWF52	N	11	
Share of Parent Co. Held by Sub.	TWF53	N	11	
Unrealized Loss	TWF54	N	11	
Retained Earnings	TWF55	N	11	
Translation Gain (Loss)	TWF56	N	11	
Other Items in Stockholders' Equity	TWF57	N	11	= (TWF51+52+53+54+56)
Cost of Sales	TWF58	N	11	
Adjustment to Gross Profit	TWF59	N	11	
Non-operating Income/Gain	TWF60	N	11	
Non-operating Expenses/Loss	TWF61	N	11	
Discontinued Operations	TWF62	N	11	
Extraordinary Items	TWF63	N	11	
Cumulative Effects	TWF64	N	11	
Minority Interest	TWF65	N	11	
Interest & Investment	TWF66	N	11	
Interest Expense	TWF67	N	11	

FINANCIAL STATEMENTS FILES - TAIWAN (Continued)

FINANCIAL COMPANIES

Data Element Name	FORTRAN/ SAS Name	Data Type	Field Size	Comments
COMPANY INFORMATION				
Country ID	CUNTRY	N	2	
Company ID	COID	C	6	
Industry Code	INDID	N	4	
Year	YEAR	N	4	Stored as YYYY (e.g.1980)
Fiscal Year End	FISCAL	N	6	Stored as YYYYMM (e.g. January 1993 = 199301)
Months Covered in Income Statement	MONCOV	N	2	
Financial Statement Currency	FINCUR	C	3	

BALANCE SHEET (In Thousands of N.T. Dollars)

Assets

Data Element Name	FORTRAN/ SAS Name	Data Type	Field Size	Comments
Cash & Bank Balances	BALB1	N	11	= (TWFB1 + TWFB2)
Investments	BALB2	N	11	= (TWFB3 + TWFB4)
Loans & Receivables	BALB3	N	11	= (TWFB9 + TWFB18)
Net Fixed Assets	BALB4	N	11	= (TWFB19…TWFB23-TWFB24+ TWFB25)
Other Assets	BALB5	N	11	= (TWFB26 + TWFB27)
Total Assets	BALB6	N	11	

Liabilities and Stockholders' Equity

Data Element Name	FORTRAN/ SAS Name	Data Type	Field Size	Comments
Accounts & Notes Payable	BALB7	N	11	= (TWFB36…TWFB40)
Deposits & Borrowings	BALB8	N	11	= (TWFB41+ TWBF42)
Other Liabilities	BALB9	N	11	= (TWFB43+TWFB49+TWFB50)
Total Liabilities	BALB10	N	11	
Capital Stock	BALB11	N	11	= (TWFB51…TWFB53)
Surplus & Retained Earnings	BALB12	N	11	= (TWFB54 + TWFB60)
Total Stockholders' Equity	BALB13	N	11	
Total Liabilities & Stockholders' Equity	BALB14	N	11	

INCOME STATEMENT (In Thousands of N.T. Dollars)

Data Element Name	FORTRAN/ SAS Name	Data Type	Field Size	Comments
Operating Revenue	INCB1	N	11	
Operating Expenses	INCB2	N	11	(Including TWFB67)
Income from Operations	INCB3	N	11	

FINANCIAL STATEMENTS FILES - TAIWAN (Continued)

FINANCIAL COMPANIES

Data Element Name	FORTRAN/ SAS Name	Data Type	Field Size	Comments
INCOME STATEMENT (Continued)				
Other Revenues/Expenses	INCB4	N	11	= (TWFB68 - TWFB69)
Income Tax	INCB5	N	11	
Extraordinary Gains/Losses	INCB6	N	11	
Other Adjustments	INCB7	N	11	= (TWFB70 + TWFB71)
Net Income	INCB8	N	11	
MARKET RELATED DATA				
Cash Dividends - Common	MKT1	N	11.2	In local currency per share
Stock Dividends - Common	MKT2	N	11.2	Allocation Rate in decimal
Ending Price - Common Stock	MKT3	N	11.2	Last Price quoted in Fiscal Year
Ending Price - Preferred Stock	MKT4	N	11.2	Last Price quoted in Fiscal Year
Number of Shares Outstanding - Common Stock	MKT5	N	11	As of Fiscal Year End (in thousands of shares)
Number of Shares Outstanding - Preferred Stock	MKT6	N	11	As of Fiscal Year End (in thousands of shares)
SUPPLEMENTARY ITEMS (In Thousands of N.T. Dollars)				
Cash	TWFB1	N	11	
Due from Banks	TWFB2	N	11	
Short-Term Negotiable Instruments	TWFB3	N	11	
Funds & Investments	TWFB4	N	11	= (TWFB5…TWFB8)
Investment in Property	TWFB5	N	11	
Investment in Assoc./Sub. Co.	TWFB6	N	11	
Investment in Bonds and Securities	TWFB7	N	11	
Other Funds and Investment	TWFB8	N	11	
Receivables & Advance Payments	TWFB9	N	11	= (TWFB10…TWFB17)
Accounts Receivable	TWFB10	N	11	
Notes Receivable	TWFB11	N	11	
Interest Receivable	TWFB12	N	11	
Receivables from Sale of Securities	TWFB13	N	11	
Insurance & Reinsurance Premium	TWFB14	N	11	
Insurance & Commission Receivable	TWFB15	N	11	
Deposit and Prepayment	TWFB16	N	11	
Accruals and Other Receivables	TWFB17	N	11	
Discounts & Loans	TWFB18	N	11	
Land	TWFB19	N	11	
Building	TWFB20	N	11	
Machine, F&F., Equip., & Vehicles	TWFB21	N	11	
Other Fixed Assets	TWFB22	N	11	

Appraisal Increase in Value	TWFB23	N	11	
Accumulated Depreciation	TWFB24	N	11	
Incomplete Contract & Prepayment	TWFB25	N	11	
Other current Assets	TWFB26	N	11	
Other Assets	TWFB27	N	11	= (TWFB28…TWFB35)
Rental & Other Non-operating Property	TWFB28	N	11	
Long-term Deposit & Prepayment	TWFB29	N	11	
Long-term Receivable	TWFB30	N	11	
Due from Associated Co.	TWFB31	N	11	
Deferred Taxation	TWFB32	N	11	
Deferred Assets	TWFB33	N	11	
Intangible Assets	TWFB34	N	11	
Other Long-term Assets	TWFB35	N	11	
Accounts Payable	TWFB36	N	11	
Notes Payable	TWFB37	N	11	
Payable on Purchases of Securities	TWFB38	N	11	
Insurance and Reinsurance Claims	TWFB39	N	11	
Accruals and Other Payable	TWFB40	N	11	
Deposits, Mutual Savings & Borrowings	TWFB41	N	11	
Financed by Central & Other Banks	TWFB42	N	11	
Long-term Liabilities	TWFB43	N	11	= (TWFB44…TWFB48)
Due to Associated Co.	TWFB44	N	11	
Deferred Income	TWFB45	N	11	
Deferred Taxation	TWFB46	N	11	
Provision	TWFB47	N	11	
Long-Term Liabilities (other)	TWFB48	N	11	
Other Liabilities	TWFB49	N	11	(other short-term liabilities)
Reserves for Operations	TWFB50	N	11	
Share Capital	TWFB51	N	11	
Preferred Share Capital	TWFB52	N	11	
Adjustments to Share Capital	TWFB53	N	11	
Surplus & Retained Earnings	TWFB54	N	11	= (TWFB55…TWFB59)
Share Premium	TWFB55	N	11	
Capital Reserve	TWFB56	N	11	
Other Reserve	TWFB57	N	11	
Share of Parent Co. Held by Sub.	TWFB58	N	11	
Retained Earning	TWFB59	N	11	
Other Items in Equity	TWFB60	N	11	= (TWFB61…TWFB63)
Unrealized Loss	TWFB61	N	11	
Translation Gain (Loss)	TWFB62	N	11	
Other Items in Stockholders' Equity	TWFB63	N	11	
Operating Cost	TWFB64	N	11	
Gross Profit	TWFB65	N	11	
Operating Expenses	TWFB66	N	11	
Adjustments to Income from Operations	TWFB67	N	11	
Non-Operating Income	TWFB68	N	11	
Non-Operating Expenses	TWFB69	N	11	
Discontinued Operations	TWFB70	N	11	
Cumulative Effect	TWFB71	N	11	
Interest Income	TWFB72	N	11	
Interest Expense	TWFB73	N	11	

CAPITAL DISTRIBUTIONS FILE - One record per stock per distribution type

This file contains capital distribution records of each company. Information on cash dividends, stock dividends, and rights offerings are provided chronologically. Each record represents only one distribution type. For example, if a company has a cash dividend and rights offering with the same ex-distribution date, they are stored as two records.

Dataset Name:	CPTLDIST
File Number:	7 (for Korea)
	8 (for Hong Kong, Indonesia, Japan, Malaysia, Singapore, Taiwan, and Thailand)
Record Size:	55 (for all countries except Hong Kong)
	57 (for Hong Kong)
Sequence:	Company ID (ascending)
	Stock Type (ascending)
	Ex-Distribution Date (ascending)
	Distribution Type (ascending)

File structure for all countries except Hong Kong:

Data Element Name	FORTRAN/ SAS Name	Data Type	Field Size	Comments
Country ID	CUNTRY	N	2	
Company ID	COID	C	6	
Stock Type	STKTYP	N	1	
Distribution Type	DISTYP	C	2	See Appendix A for codes
Announcement Date	DTANNO	N	8	Stored as YYYYMMDD
Ex-Distribution Date	DTEXDI	N	8	Stored as YYYYMMDD
Payment Date	DTPAY	N	8	Stored as YYYYMMDD
Amount	AMOUNT	N	12.6	See Chapter 2 for how the amount is stored for each type of distributions
Subscription Price	SUBPRC	N	8.2	Only for rights offering

File structure for Hong Kong only:

Data Element Name	FORTRAN/ SAS Name	Data Type	Field Size	Comments
Country ID	CUNTRY	N	2	
Company/Stock ID	COID	C	8	
Stock Type	STKTYP	N	1	
Distribution Type	DISTYP	C	2	
Announcement Date	DTANNO	N	8	
Ex-Distribution Date	DTEXDI	N	8	
Payment Date	DTPAY	N	8	
Amount	AMOUNT	N	12.6	
Subscription Price	SUBPRC	N	8.4	

MONTHLY MARKET RETURNS FILE - One record per month

This file contains monthly data on the market as a whole. The market is defined as all common stocks included in PACAP.

Dataset Name:	MONTHMKT
File Number:	8 (for Korea)
	9 (for Hong Kong, Indonesia, Japan, Malaysia, Singapore, Taiwan, and Thailand)
Record Size:	84
Sequence:	Trading Month (ascending)

Data Element Name	FORTRAN/ SAS Name	Data Type	Field Size	Comments
Country ID	CUNTRY	N	2	
Trading Month	MONTH	N	6	Stored as YYYYMM
Number of Trading Days in Month	CNTDAY	N	2	
Total Number of Shares Traded for All Stocks in Month	TRDVOL	N	10	In thousands of units
Total Number of Value Traded for All Stocks in Month	TRDVAL	N	10	In thousands of local currency except Japan and Korea in millions of local currency
Monthly Equally Weighted Market Returns with Cash Dividend Reinvested	MERMWD	N	10.6	
Monthly Equally Weighted Market Returns without Cash Dividend Reinvested	MERMND	N	10.6	
Monthly Value-Weighted Market Returns with Cash Dividend Reinvested	MVRMWD	N	10.6	
Monthly Value-Weighted Market Returns without Cash Dividend Reinvested	MVRMND	N	10.6	
Number of Companies Included in Calculation	CNTCO	N	4	
Market Capitalization	MKTCAP	N	10	In millions of local currency

MONTHLY INDICES FILE - One record per index per month

This file contains the Composite Index and subindices of the Stock Exchange. A list of the index names and codes is included in Appendix B.

Dataset Name: MNTHINDX
File Number: 9 (for Korea)
                       10 (for Hong Kong, Indonesia, Japan, Malaysia, Singapore, Taiwan, and Thailand)
Record Size: 98
Sequence: Index Code (ascending)
                       Trading Month (ascending)

Data Element Name	FORTRAN/ SAS Name	Data Type	Field Size	Comments
Country ID	CUNTRY	N	2	
Index Code	IDXID	N	4	
Trading Month	MONTH	N	6	Stored as YYYYMM
Index Name	IDXNME	C	50	
First Index Value in Month	FSTVAL	N	7.2	
Day of First Index	FSTDAY	N	2	Stored as DD (e.g. first day of month = 01)
Highest Index Value in Month	HIVAL	N	7.2	
Day of Highest Index Value	HIDAY	N	2	Stored as DD
Lowest Index Value in Month	LOVAL	N	7.2	
Day of Lowest Index Value	LODAY	N	2	Stored as DD
Last Index Value in Month	LSTVAL	N	7.2	
Day of Last Index	LSTDAY	N	2	Stored as DD

DAILY MARKET RETURNS FILE - One record per trading day

This file contains daily data on the market as a whole. The market is defined as all common stocks included in PACAP.

Dataset Name: DALYMRKT
File Number: 10 (for Korea)
                11 (for Hong Kong, Indonesia, Japan, Malaysia, Singapore, Taiwan, and Thailand)
Record Size: 75
Sequence: Trading Date (ascending)

Data Element Name	FORTRAN/ SAS Name	Data Type	Field Size	Comments
Country ID	CUNTRY	N	2	
Trading Date	DTTRD	N	8	Stored as YYYYMMDD
Day of Week	WKDAY	N	1	1 = Monday ... 6 = Saturday
Total Number of Shares Traded for All Stocks	TRDVOL	N	10	In thousands of units
Total Number of Value Traded for All Stocks	TRDVAL	N	10	In thousands of local currency except Japan and Korea are in millions of local currency
Daily Equally Weighted Market Returns with Cash Dividend Reinvested	DERMWD	N	10.6	
Daily Equally Weighted Market Returns without Cash Dividend Reinvested	DERMND	N	10.6	
Daily Value-Weighted Market Returns with Cash Dividend Reinvested	DVRMWD	N	10.6	
Daily Value-Weighted Market Returns without Cash Dividend Reinvested	DVRMND	N	10.6	
Number of Companies Included in Calculation	CNTCO	N	4	

DAILY INDICES FILE - One record per index type per day

This file contains the daily closing values of each index of the Stock Exchange. Only the index codes IDXID are stored in this file. Corresponding index names can be found in Appendix B.

Dataset Name: DALYINDX
File Number: 11 (for Korea)
                       12 (for Hong Kong, Indonesia, Japan, Malaysia, Singapore, Taiwan, and Thailand)
Record Size: 22
Sequence: Index Code (ascending)
                       Trading Date (ascending)

Data Element Name	FORTRAN/ SAS Name	Data Type	Field Size	Comments
Country ID	CUNTRY	N	2	
Index Code	IDXID	N	4	See Appendix B for Index Names of each country
Trading Date	DTTRD	N	8	Stored as YYYYMMDD
Day of Week	WKDAY	N	1	1 = Monday ... 6 = Saturday
Index Value	IDXVAL	N	7.2	

MONTHLY STOCK PRICE & RETURNS FILE - One record per stock per trading month per stock type

This file contains the stock prices and returns of each stock on a monthly basis. The returns are adjusted for capital distributions. For Japan, Korea, and Thailand, only common stock information is recorded. For Korea and Taiwan, prices are reported prices adjusted for stock split and consolidation (reverse split).

Dataset Name: MNTHRTN
File Number: 12 (for Korea)
                    13 (for Hong Kong, Indonesia, Japan, Malaysia, Singapore, Taiwan, and Thailand)
Record Size :   120 (for all countries except Hong Kong, Indonesia, and Singapore)
                    127 (for Hong Kong)
                    122 (for Indonesia)
                    103 (for Singapore)
Sequence: Company ID (ascending)
                    Stock Type (ascending)
                    Trading Month (ascending)

The following file structure is standard for Taiwan and Thailand only.
For Hong Kong, see page 1.12.HK.1
For Indonesia, see page 1.12.ID.1
For Japan, see page 1.12.JA.1
For Korea, see page 1.12.KS.1
For Malaysia, see page 1.12.MY.1
For Singapore, see page 1.12.SN.1

Data Element Name	FORTRAN/ SAS Name	Data Type	Field Size	Comments
Country ID	CUNTRY	N	2	
Company ID	COID	C	6	
Stock Type	STKTYP	N	1	
Trading Month	MONTH	N	6	Stored as YYYYMM
Section Code	SECTID	N	1	As of month end
Industry Code	INDID	N	4	
Opening Price in Month	OPNPRC	N	8.2	In local currency per share
Day of Opening Price	OPNDAY	N	2	Stored as DD
Closing Price in Month CLSPRC		N	8.2	In local currency per share
Day of Closing Price	CLSDAY	N	2	Stored as DD
Number of Shares Traded	TRDVOL	N	10	In units
Value of Shares Traded TRDVAL		N	10	In thousands of local currency
Number of Shares Outstanding	SHROUT	N	8	As of month end; in thousands of shares
Market Value	MKTVAL	N	10	In millions of local currency
Number of Days Traded in Month	CNTTRD	N	2	
Monthly Return with Cash Dividend Reinvested	MRETWD	N	10.6	
Monthly Return without Cash Dividends Reinvested	MRETND	N	10.6	
Accumulative Adjustment Factor at the Last Closing Day of the Month	MADJCD	N	10.6	
Accumulative Adjustment Factor at the End of the Month	MADJLD	N	10.6	

DAILY STOCK PRICE & RETURNS FILE - One record per stock per trading day per stock type

This file contains the daily price and returns of a stock. The returns are adjusted for capital distributions. For Japan, Korea, and Thailand, only common stock information is recorded. For Korea and Taiwan, prices are reported prices adjusted for stock split and consolidation (reverse split).

Dataset Name: DALYRTN
File Number: 13 (for Korea)
                     14 (for Hong Kong, Japan, Malaysia, Singapore, Taiwan, and Thailand)

Record Size: 106 (for Singapore)
                     103 (for Taiwan, Thailand, and Malaysia)
                     107 (for Hong Kong)
                     105 (for Indonesia)
                     111 (for Japan and Korea)
Sequence: Company ID (ascending)
                     Stock Type (ascending)
                     Trading Date (ascending)

The following file structure is standard for Taiwan and Thailand only.
For Hong Kong, see page 1.13.HK.1
For Indonesia, see page 1.13.ID.1
For Japan, see page 1.13.JA.1
For Korea, see page 1.13.KS.1
For Malaysia, see page 1.13.MY.1
For Singapore, see page 1.13.SN.1

Data Element Name	FORTRAN/ SAS Name	Data Type	Field Size	Comments
Country ID	CUNTRY	N	2	
Company ID	COID	C	6	
Stock Type	STKTYP	N	1	
Trading Date	DTTRD	N	8	Stored as YYYYMMDD
Section Code	SECTID	N	1	
Day of Week	WKDAY	N	1	1 = Monday ... 6 = Saturday
Industry Code	INDID	N	4	
Opening Price	OPNPRC	N	8.2	In local currency per share
High Price	HIPRC	N	8.2	In local currency per share
Low Price	LOPRC	N	8.2	In local currency per share
Closing Price	CLSPRC	N	8.2	In local currency per share
Number of Shares Traded	TRDVOL	N	10	In units
Value of Shares Traded	TRDVAL	N	8	In thousands of local currency
Daily Return with Cash Dividend Reinvested	DRETWD	N	10.6	
Daily Return without Cash Dividend Reinvested	DRETND	N	10.6	
Accumulative Adjustment Factor	ACCADJ	N	10.6	

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DATA DEFINITION

ACCADJ   Accumulative Adjustment Factor

DATA TYPE: Numeric   LENGTH[*]: 10   DECIMAL[*]: 6   MISSING VALUE[*]: -999

DESCRIPTION:
1. Item represents daily accumulative adjustment factor.
2. ACCADJ is used to adjust stock prices after distribution so that a comparison can be made on an equivalent basis between prices before and after the distribution. The distribution includes: stock dividend, stock splits, and rights offering.
3. ACCADJ has a value of 1 at the base day which is either the first day of the data base or the first day of listing, DTLIST.
4. ACCADJ is calculated as:

$$ACCADJ(t) = ACCADJ(t-1) * \frac{CLSPRC(t-1) * AMOUNT(d) * [\ 1 + AMOUNT(r) + AMOUNT(s)}{CLSPRC(t-1) + [\ SUBPRC * AMOUNT(d) * AMOUNT(r)\ ]}$$

where
AMOUNT(d)	=	number of shares that one original share becomes on DTEXDI = t,
AMOUNT(r)	=	allocation rate for rights offering with DTEXDI = t,
AMOUNT(s)	=	allocation rate for stock dividends with DTEXDI = t,
ACCADJ(t)	=	accumulative adjustment factor at day t,
ACCADJ(t)	=	accumulative adjustment factor at day t-1,
CLSPRC(t)	=	closing price at day t,
CLSPRC(t-1)	=	closing price at day t-1,
DTEXDI	=	ex-distribution date,
SUBPRC	=	subscription price for rights offering.

*   For Hong Kong, the length is 12, the decimal point is 6 and the missing value is -99999.

FOUND IN: Daily Stock Price & Returns File

AMOUNT   Amount

DATA TYPE: Numeric   LENGTH: 12   DECIMALS: 6   MISSING VALUE: -99999

DESCRIPTION:
1. Item represents amount of capital distribution.
2. For distribution types with 'C' as the first character, amount represents a cash distribution in local currency per share. The amount is based on value before a split or consolidation in the case that a stock split or consolidation occurs on the same ex-distribution date.
3. For distribution types with 'D' as the first character, amount represents the number of shares that one original share becomes, e.g. the amount for a 2 for 1 split is 2.
4. For distribution types with 'S' as the first character, amount is a stock dividend in decimal, e.g. 1 share for every 5 shares is .20. The stock dividend is after a stock split or consolidation in the case that a stock split or consolidation occurs on the same ex-distribution date.
5. For distribution types with 'R' as the first character, amount represents the allocation rate in decimal for rights offerings. The rights offering is after a stock split or consolidation in the case that a stock split or consolidation occurs on the same ex-distribution date.
6. Missing values would be found in distribution types 'CV', CW', and 'CX' if the cash equivalent of the distribution cannot be determined due to unavailable stock prices.
7. See Appendix A for the list of capital distribution type codes.

FOUND IN: Capital Distributions File

BAL1   Cash

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents currency and available funds on deposit at the bank.
2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Industrial Companies

BAL2   Marketable Securities

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents readily tradable equity/debt securities held.
2. Valuation method depends on individual company's practice.
3. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Industrial Companies

BAL3   Accounts and Notes Receivable

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents receivable expected to be collected within a year or during the current operating cycle, whichever is longer.
2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Industrial Companies

BAL4   Inventories

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents total of raw materials on hand, work in process, and finished goods available for sale but not sold as of fiscal year end.
2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Industrial Companies

BAL5   Other Current Assets

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents current assets that are not included in other categories.
2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Industrial Companies

BAL6   **Total Current Assets**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents the sum of cash, marketable securities, accounts and notes receivable, inventories, and other
                   current assets.
               2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Industrial Companies

BAL7   **Net Fixed Assets**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents durable assets used in regular operations of the business; such as land, plants and machinery,
                   furniture, and tools.
               2. Value shown is net of cumulative depreciation.
               3. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Industrial Companies

BAL8   **Investments and Other Assets**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents investments not expected to be liquidated within a year or the current operating cycle plus all
                   non-current assets not included in other categories.
               2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Industrial Companies

BAL9   **Total Assets**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents the sum of all current and non-current assets.
               2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Industrial Companies

BAL10   **Accounts and Notes Payable**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents accounts and notes payable within a year or the operating cycle, whichever is longer.
               2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Industrial Companies

BAL11   Short-Term Loans

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents loans to be repaid within a year or the operating cycle, whichever is longer.
                2. It includes the current portion of long-term loans.
                3. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Industrial Companies

BAL12   Other Current Liabilities

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents current liabilities not included in other categories.
                2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Industrial Companies

BAL13   Total Current Liabilities

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents the sum of accounts and notes payable, short-term loans, and other current liabilities.
                2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Industrial Companies

BAL14   Long-Term Loans

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents loans with maturity date beyond one year or the current operating cycle, whichever is longer.
                2. It excludes current portion due.
                3. In source books of Taiwan database, item is shown as "long-term liabilities" and includes bonds and debentures.
                4. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Industrial Companies

BAL15   Debentures

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents unsecured long-term debts.
                2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Industrial Companies

BAL16   **Other Long-Term Liabilities**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents long-term liabilities not included in other categories.
                2. It is shown as "Other Liabilities" in source books of the Taiwan database.
                3. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Industrial Companies

BAL17   **Total Liabilities**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents the sum of all current and non-current liabilities.
                2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Industrial Companies

BAL18   **Capital Stock**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents paid-in capital at par value for both common and preferred stocks.
                2. For Japanese database, it includes part of the paid-in capital in excess of par value.
                3. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Industrial Companies

BAL19   **Additional Paid-In Capital**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents paid-in or contributed capital in excess of par value.
                2. It is not shown in source books of the Taiwan database.
                3. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Industrial Companies

BAL20   **Retained Earnings**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents cumulative earnings retained by the company.
                2. For Taiwan database, the amount in source books includes additional paid-in capital.
                3. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Industrial Companies

BAL21   **Total Stockholders' Equity**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents cumulative net contributions by stockholders plus retained earnings.
               2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Industrial Companies

BAL22   **Total Liabilities and Stockholders' Equity**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents total liabilities plus stockholders' equity.
               2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Industrial Companies

BALB1   **Cash and Bank Balances**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents cash in hand and available funds deposit at banks (or other banks if the company is a bank).
               2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Financial Companies

BALB2   **Investments**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents both short-term and long-term investments.
               2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Financial Companies

BALB3   **Loans and Receivables**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents loans and advances to customers.
               2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Financial Companies

BALB4   **Net Fixed Assets**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents durable assets used in regular operations of the business; such as land, plants and machinery, furniture, and tools.
2. Value shown is net of cumulative depreciation.
3. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Financial Companies

BALB5   **Other Assets**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents assets that are not included in other categories.
2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Financial Companies

BALB6   **Total Assets**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents the sum of all assets.
2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Financial Companies

BALB7   **Accounts and Notes Payable**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents accounts and notes payable within a year or the operating cycle, whichever is longer.
2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Financial Companies

BALB8   **Deposits and Borrowings**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents customers' deposits and borrowings from banks or other banks
2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Financial Companies

BALB9 **Other Liabilities**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents liabilities not included in other categories.
2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Financial Companies

BALB10 **Total Liabilities**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents the sum of all liabilities.
2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Financial Companies

BALB11 **Capital Stock**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents paid-in capital at par value for both common and preferred stocks as of the fiscal year end.
2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Financial Companies

BALB12 **Surplus & Retained Earnings**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents cumulative earnings retained and reserves held by the company.
2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Financial Companies

BALB13 **Total Stockholders' Equity**

DATA TYPE: Numeric   LENGTH: 14   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents cumulative net contributions by stockholders plus surplus and retained earnings.
2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Financial Companies

BALB14 **Total Liabilities and Stockholders' Equity**

DATA TYPE: Numeric   LENGTH: 14   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents total liabilities plus stockholders' equity.
2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Financial Companies

CLSDAY   **Day of Closing Price**

DATA TYPE: Numeric   LENGTH: 2   DECIMALS: 0   MISSING VALUE: -9

DESCRIPTION: 1. Item represents the day in month a stock's last closing price was quoted.
               2. Value stored as DD, e.g. 10th of the month is stored as 10.

FOUND IN: Monthly Stock Price & Returns File

CLSPRC   **Closing Price**

DATA TYPE: Numeric   LENGTH: 8   DECIMALS[*]: 2   MISSING VALUE[*]: See Apendix A

DESCRIPTION: 1. Item represents the closing price of a stock on a trading date or last closing price in a trading month.
               2. Unit of measurement is local currency per share.
               *   For Japan and Korea, decimal is 0.
               *   For Hong Kong and Malaysia, decimal is 3.

FOUND IN: Daily Stock Price & Returns File
               Monthly Stock Price & Returns File

CNTCO   **Number of Companies Included in Calculation**

DATA TYPE: Numeric   LENGTH: 4   DECIMALS: 0   MISSING VALUE:

DESCRIPTION: 1. Item represents the number of stocks included in calculation of daily(monthly) market portfolio returns for the
                   trading date(month).
               2. Only common stocks are included in the calculation.
               3. Only stocks with non-missing returns and non-missing market values are included in the calculation.

FOUND IN: Daily Market Returns File
               Monthly Market Returns File

CNTDAY   **Number of Trading Days in Month**

DATA TYPE: Numeric   LENGTH: 2   DECIMALS: 0   MISSING VALUE:

DESCRIPTION: Number of days the Stock Exchange was open during a trading month.

FOUND IN: Monthly Market Returns File

CNTTRD   **Number of Days Traded in Month**

DATA TYPE: Numeric   LENGTH: 2   DECIMALS: 0   MISSING VALUE:

DESCRIPTION: Number of days a stock was traded in the month.

FOUND IN: Monthly Stock Price & Returns File

COID   Company ID

DATA TYPE: Character   LENGTH*: 6   DECIMALS: MISSING VALUE:

DESCRIPTION: 1. Item represents the ID assigned by each country's Stock Exchange to a company. This ID is used as a unique identifier to locate each company (see Appendix E for list of companies by company ID).
2. For all countries except Thailand and Indonesia, COID consists of only numbers.
3. For Thailand and Indonesia, COID is an abbreviation of the company name and consists of letters, numbers and special characters.
* For Hong Kong, the COID is a 8-digit numerical code in all files except the Financial Statements files. The first 4 digits denote the company while the last four digits denote the stock number of a stock for that company. In the Financial Statements Files, the COID uses only the first four digits of the 8-digit numerical code which denotes the company.

FOUND IN: Capital Distributions File
Company File
Daily Stock Price & Returns File
Financial Statements Files
Monthly Stock Price & Returns File

COMMNT   Comment

DATA TYPE: Character   LENGTH*: 100   DECIMALS: MISSING VALUE:

DESCRIPTION: Additional information about the company.
* For Hong Kong and Singapore, the field length is 200.

FOUND IN: Company File

CONAME   Company Name

DATA TYPE: Character   LENGTH: 50   DECIMALS: MISSING VALUE:

DESCRIPTION: Name of a company (see Appendix D for list of companies by company name).

FOUND IN: Company File

CRID   Cross Reference ID

DATA TYPE: Character   LENGTH*: 6   DECIMALS: MISSING VALUE:

DESCRIPTION: The field is blank unless the following situations occur:
1. When a company was reclassified to a different industry, then CRID represents the COID that was previously assigned to the company.
2. When the company was delisted due to a merger, then CRID represents the COID of the surviving company.
3. When the company was replaced by another company, then CRID represents the COID of the replacing company.
4. When the company was delisted and relisting with the same company name, the CRID represents the COID of the relisting company.
* For Hong Kong, the field length is 8.

FOUND IN: Company File

CUNTRY   Country ID

DATA TYPE: Numeric   LENGTH: 2   DECIMALS: 0   MISSING VALUE:

DESCRIPTION: Code assigned to each country in PACAP Databases.
                       01 = Taiwan
                       02 = Korea
                       03 = Thailand
                       04 = Malaysia
                       05 = Hong Kong
                       06 = Singapore
                       07 = Indonesia
                       09 = Japan

FOUND IN: All files

DERMND   Daily Equally Weighted Market Returns without Cash Dividends Reinvested

DATA TYPE: Numeric   LENGTH: 10   DECIMALS: 6   MISSING VALUE: -999

DESCRIPTION: 1. Item represents daily returns excluding cash dividends for an equally weighted market portfolio.
                  2. All common and preferred stocks with non-missing returns and non-missing market values for the previous month are included in the calculation.
                  3. The weights are defined as 1/CNTCO.

FOUND IN: Daily Market Returns File

DERMWD   Daily Equally Weighted Market Returns with Cash Dividends Reinvested

DATA TYPE: Numeric   LENGTH: 10   DECIMALS: 6   MISSING VALUE: -999

DESCRIPTION: 1. Item represents daily returns with cash dividends reinvested for an equally weighted market portfolio.
                  2. All common and preferred stocks with non-missing returns and non-missing market values for the previous month are included in the calculation.
                  3. The weights are defined as 1/CNTCO.

FOUND IN: Daily Market Returns File

DISTYP   Distribution Type

DATA TYPE: Character   LENGTH: 2   DECIMALS: MISSING VALUE:

DESCRIPTION: 1. Code used to characterize the type of capital distribution.
                  2. Four groups of codes (identified by the first character of the code) are used to distinguish the different distribution types:
                      C   = Cash Distribution
                      D   = Stock Splits/Consolidation and Capital Reduction
                      S   = Stock Dividend
                      R   = Rights Offering
                  3. See appendix A for the list of distribution type codes.

FOUND IN: Capital Distributions File

DRETND   **Daily Returns without Cash Dividends Reinvested**

DATA TYPE: Numeric   LENGTH: 10   DECIMALS: 6   MISSING VALUE: See Appendix A

DESCRIPTION: 1. item represents daily stock returns excluding cash dividends.
               2. If any data element used in calculation is unavailable, a missing value is stored in this field.
               3. DRETND is calculated as follows:

$$DRETND(t) \quad = \quad \frac{CLSPRC(t) \; * \; ACCADJ(t)}{CLSPRC(t\text{-}1) \; * \; ACCADJ(t\text{-}1)} \quad - \quad 1$$

where $ACCADJ(t)$ = cumulative adjustment factor at day t,
       $ACCADJ(t\text{-}1)$ = cumulative adjustment factor at day t-1,
       $CLSPRC(t)$ = closing price at day t,
       $CLSPRC(t\text{-}1)$ = closing price at day t-1.

FOUND IN: Daily Stock Price & Returns File

DRETWD   **Daily Returns with Cash Dividends Reinvested**

DATA TYPE: Numeric   LENGTH: 10   DECIMALS: 6   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents daily stock returns with cash dividends reinvested.
               2. If any data element used in calculation is unavailable, a missing value is stored in this field.
               3. DRETWD includes all distributions.
               4. DRETWD is calculated as follows:

$$DRETWD(t) \quad = \quad [\; \frac{CLSPRC(t) \; * \; ACCADJ(t)}{CLSPRC(t\text{-}1) \; * \; ACCADJ(t\text{-}1)} \quad + \quad AMOUNT(c') \;] \; - \; 1$$

where $AMOUNT(c')$ = AMOUNT(c) / [CLSPRC(t-1) + [SUBPRC * AMOUNT(r) * AMOUNT(d)]],
       $AMOUNT(c)$ = cash distribution amount with DTEXDI = t,

FOUND IN: Daily Stock Price & Returns File

DTANNO   **Announcement Date**

DATA TYPE: Numeric   LENGTH: 8   DECIMALS: 0   MISSING VALUE: -9999999

DESCRIPTION: 1. Item represents the date on which the company announced the capital distributions.
                2. Value stored as YYYYMMDD; e.g. 19800101.
                3. Data unavailable for Japanese and Taiwan databases.

FOUND IN: Capital Distributions File

DTAVAL   **Date First Available**

DATA TYPE: Numeric   LENGTH: 8   DECIMALS: 0   MISSING VALUE: -9999999

DESCRIPTION: 1. Item represents the date the company's data first appeared in the PACAP Daily Stock Price & Returns File.
                2. Value stored as YYYYMMDD.
                3. Missing value denotes that the stock price data of a company is unavailable throughout the period covered in PACAP.

FOUND IN: Company File

DTCAL   **Calendar Date**

DATA TYPE: Numeric   LENGTH: 8   DECIMALS: 0   MISSING VALUE:

DESCRIPTION: 1. Item represents a calendar date.
                2. Value stored as YYYYMMDD.

FOUND IN: Calendar File

DTESTB   **Date Established**

DATA TYPE: Numeric   LENGTH: 8   DECIMALS: 0   MISSING VALUE: -9999999

DESCRIPTION: 1. Item represents the date the company was incorporated.
                2. Value stored as YYYYMMDD.

FOUND IN: Company File

DTEXDI   **Ex-Distribution Date**

DATA TYPE: Numeric   LENGTH: 8   DECIMALS: 0   MISSING VALUE:

DESCRIPTION: 1. Item represents the date on which the stock is first traded without the right to receive the capital distribution.
                2. Value stored as YYYYMMDD.

FOUND IN: Capital Distributions File

DTLIST   **Date Listed**

DATA TYPE: Numeric   LENGTH: 8   DECIMALS: 0   MISSING VALUE: -9999999

DESCRIPTION: 1. Item represents the date the company/stock was listed on the Stock Exchange.
              2. Value stored as YYYYMMDD.

FOUND IN: Company File

DTPAY   **Payment Date**

DATA TYPE: Numeric   LENGTH: 8   DECIMALS: 0   MISSING VALUE: -9999999

DESCRIPTION: 1. Item represents the date on which cash dividends are paid or stocks are assigned to stockholders.
              2. Value stored as YYYYMMDD.
              3. Data unavailable for the Taiwan database.

FOUND IN: Capital Distributions File

DTSTAT   **Date of Status Change**

DATA TYPE: Numeric   LENGTH: 8   DECIMALS: 0   MISSING VALUE:

DESCRIPTION: 1. Item represents the date when the company is delisted.
              2. Value stored as YYYYMMDD.
              3. If the STATCO field has a code other than "A", then the DTSTAT represents the date this change occurred.
              4. If the STATCO field has a code of "A", then DTSTAT will be blank.

FOUND IN: Company File

DTTRD   **Trading Date**

DATA TYPE: Numeric   LENGTH: 8   DECIMALS: 0   MISSING VALUE:

DESCRIPTION: 1. Item represents a trading date.
              2. Value stored as YYYYMMDD.

FOUND IN: Daily Exchange Rate File
              Daily Indices File
              Daily Market Returns File
              Daily Stock Price & Returns File

DVMDRND **Daily Value-Weighted Market Returns without Cash Dividends Reinvested**

DATA TYPE: Numeric   LENGTH: 10   DECIMALS: 6   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents daily returns excluding cash dividends for a value-weighted market portfolio.
2. All common and preferred stocks with non-missing returns and non-missing market values for the previous month are included in the calculation.
3. The weight assigned to stock i is

$$\frac{MKTVAL_i}{\sum_{i=1}^{CNTCO} MKTVAL_i}$$

where $MKTVAL_i$ = previous month's total market value of stock i, and
$CNTCO$ = number of common stocks included in the calculation

*   For Singapore, stocks traded in foreign currencies are not included in daily market return calculations.

FOUND IN: Daily Market Returns File

DVMRWD **Daily Value-Weighted Market Returns with Cash Dividends Reinvested**

DATA TYPE: Numeric   LENGTH: 10   DECIMALS: 6   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents daily returns with cash dividends reinvested for a value-weighted market portfolio.
2. All common and preferred stocks with non-missing returns and non-missing market values for the previous month are included in the calculation.
3. The weight assigned to stock i is

$$\frac{MKTVAL_i}{\sum_{i=1}^{CNTCO} MKTVAL_i}$$

where $MKTVAL_i$ = previous month's total market value of stock i, and
$CNTCO$ = number of common stocks included in the calculation

*   For Singapore, stocks traded in foreign currencies are not included in daily market return calculations.

FOUND IN: Daily Market Returns File

FINCUR **Financial Statement Currency**

DATA TYPE: Character   LENGTH: 3   DECIMALS: 0   MISSING VALUE:

DESCRIPTION: 1. Item represents the currency in which the financial statements are presented.
2. See Appendix A for the listing of currency codes.

FOUND IN: Financial Statements Files

FISCAL **Fiscal Year End**

DATA TYPE: Numeric   LENGTH: 6   DECIMALS: 0   MISSING VALUE: -99999

DESCRIPTION: 1.   Item represents the month and year when fiscal year end occurs.
              2.   Value stored as YYYYMM; 199201 = January 31, 1992 ..... 199212 = December 31, 1993.

FOUND IN: Financial Statements Files

FSTDAY **Day of First Index**

DATA TYPE: Numeric   LENGTH: 2   DECIMALS: 0   MISSING VALUE:

DESCRIPTION: 1.   Item represents the day in month the first index value was quoted.
              2.   Value stored as DD, e.g. 1st of the month is stored as 01.

FOUND IN: Monthly Indices File

FSTVAL **First Index Value in Month**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 2   MISSING VALUE:

DESCRIPTION: The closing index value of the first trading date in the month.

FOUND IN: Monthly Indices File

HIDAY **Day of Highest Index Value**

DATA TYPE: Numeric   LENGTH: 2   DECIMALS: 0   MISSING VALUE:

DESCRIPTION: 1.   Item represents the day in month the highest index value was quoted.
              2.   Value stored as DD, e.g. 15th of the month is stored as 15.

FOUND IN: Monthly Indices File

HIPRC **High Price**

DATA TYPE: Numeric   LENGTH: 8   DECIMALS[*]: 2   MISSING VALUE[*]: See Apendix A

DESCRIPTION: 1.   Item represents the highest price of a stock on a trading date.
              2.   Unit of measurement is local currency per share.
              *   For Japan and Korea, decimal is 0.
              *   For Hong Kong and Malaysia, decimal is 3.

FOUND IN: Daily Stock Price & Returns File

HIVAL   **Highest Index Value in Month**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 2   MISSING VALUE:

DESCRIPTION: 1. Item represents the highest index value quoted in the month.
              2. The index value represents daily closing value.

FOUND IN: Monthly Indices File

IDXID   **Index Code**

DATA TYPE: Numeric   LENGTH: 4   DECIMALS: 0   MISSING VALUE:

DESCRIPTION: 1. Item represents the code assigned to different indices of each country.
              2. Each country has a composite index and various sub-indices grouped by different criteria.
              3. See Appendix B for list of indices for each country.

FOUND IN: Daily Indices File
              Monthly Indices File

IDXNME   **Index Name**

DATA TYPE: Character   LENGTH: 50   DECIMALS: MISSING VALUE:

DESCRIPTION: Name of stock index (see Appendix B for list of indices).

FOUND IN: Monthly Indices File

IDXVAL   **Index Value**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 2   MISSING VALUE: -9999

DESCRIPTION: The closing index value on a trading date.

FOUND IN: Daily Indices File

INC1   **Sales**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents revenues from sales of goods/services.
              2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Industrial Companies

INC2 **Cost of Sales**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents the cost of goods/services sold.
2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Industrial Companies

INC3 **Gross Profit**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is the net amount of sales less cost of sales.
2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Industrial Companies

INC4 **Selling and Administrative Expenses**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents expenses incurred to support sales and general administration of the company's operations.
2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Industrial Companies

INC5 **Income from Operations**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents income generated from the company's principal operations.
2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Industrial Companies

INC6 **Other Revenues/Expenses**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents revenues or expenses resulting from secondary or other activities of the company.
2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Industrial Companies

INC7   **Income Tax**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents income tax liability resulting from taxable income defined by each country's tax law.
               2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Industrial Companies

INC8   **Extraordinary Gains/Losses**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents infrequent or unusual gains or losses.
               2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Industrial Companies

INC9   **Net Income**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents after-tax income of a company's operations.
               2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Industrial Companies

INCB1   **Operating Revenue**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents revenues generated from the company's principal operations.
               2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Financial Companies

INCB2   **Operating Expenses**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents expenses incurred in the company's principal operations.
               2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Financial Companies

INCB3 **Income from Operations**

DATA TYPE: Numeric LENGTH: 11 DECIMALS: 0 MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents income generated from the company's principal operations.
2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Financial Companies

INCB4 **Other Revenues/Expenses**

DATA TYPE: Numeric LENGTH: 11 DECIMALS: 0 MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents revenues or expenses resulting from secondary or other activities of the company.
2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Financial Companies

INCB5 **Income Tax**

DATA TYPE: Numeric LENGTH: 11 DECIMALS: 0 MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents income tax liability resulting from taxable income defined by each country's tax law.
2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Financial Companies

INCB6 **Extraordinary Gains/Losses**

DATA TYPE: Numeric LENGTH: 11 DECIMALS: 0 MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents infrequent or unusual gains or losses.
2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Financial Companies

INCB7 **Other Adjustments**

DATA TYPE: Numeric LENGTH: 11 DECIMALS: 0 MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item differs by country (see Chapter 1 - File Structure for information).
2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Financial Companies

INCB8   **Net Income**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents after-tax income of a company's operations.
                 2. Unit of measurement differs by country (see Chapter 1 - File Structure for information).

FOUND IN: Financial Statements File - Financial Companies

INDID   **Industry Code**

DATA TYPE: Numeric   LENGTH: 4   DECIMALS: 0   MISSING VALUE:

DESCRIPTION: 1. Item represents the code assigned to the industry in which a company is classified.
                 2. For Hong Kong, Korea, Taiwan, and Malaysia, the INDID is assigned by the local Stock Exchange.
                 3. For Japan, the INDID is assigned by Daiwa Institute of Research Ltd.
                 4. For Thailand, the INDID is assigned by PACAP.

FOUND IN: Company File
              Daily Stock Price & Returns File
              Financial Statements Files
              Monthly Stock Price & Returns File

INDNME   **Industry Name**

DATA TYPE: Character   LENGTH: 50   DECIMALS: MISSING VALUE:

DESCRIPTION: Name of industry (see Appendix B for list of Industry Names).

FOUND IN: Company File

LODAY   **Day of Lowest Index Value**

DATA TYPE: Numeric   LENGTH: 2   DECIMALS: 0   MISSING VALUE:

DESCRIPTION: 1. Item represents the day in month the lowest closing index value was quoted.
                 2. Value stored as DD, e.g. 15th of the month is stored as 15.

FOUND IN: Monthly Indices File

LOPRC   **Low Price**

DATA TYPE: Numeric   LENGTH: 8   DECIMALS[*]: 2   MISSING VALUE[*]: See Appendix A

DESCRIPTION: 1. Item represents the lowest price of a stock on a trading date.
                 2. Unit of measurement is local currency per share.
                 *   For Japan and Korea, decimal is 0.
                 *   For Hong Kong and Malaysia, decimal is 3.

FOUND IN: Daily Stock Price & Returns File

LOVAL   **Lowest Index Value in Month**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 2   MISSING VALUE:

DESCRIPTION: The lowest closing index value quoted in the month.

FOUND IN: Monthly Indices File

LSTDAY   **Day of Last Index**

DATA TYPE: Numeric   LENGTH: 2   DECIMALS: 0   MISSING VALUE:

DESCRIPTION: 1. Item represents the day in month the last index value was quoted.
                2. Value stored as DD, e.g. 30th of the month is store as 30.

FOUND IN: Monthly Indices File

LSTVAL   **Last Index Value in Month**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 2   MISSING VALUE:

DESCRIPTION: The last closing index value quoted in the month.

FOUND IN: Monthly Indices File

MADJCD   **Accumulative Adjustment Factor at the last closing day of the month**

DATA TYPE: Numeric   LENGTH*: 10   DECIMAL*: 6   MISSING VALUE*: -999

DESCRIPTION: 1. Item represents accumulative adjustment factor (ACCADJ) as at the last closing day of the month.
                2. MADJCD is used to adjust stock prices after distribution so that a comparison can be made on an equivalent basis between prices before and after the distribution. The distribution includes: stock dividend, stock splits, and rights offering.
                3. If the stock is not traded during the month, the missing value is stored in this field.

                *   For Hong Kong, the length is 12, the decimal point is 6 and the missing value is -99999.

FOUND IN: Monthly Stock Price & Returns File

MADJLD   **Accumulative Adjustment Factor at the end of the month**

DATA TYPE: Numeric   LENGTH*: 10   DECIMAL*: 6   MISSING VALUE*: -999

DESCRIPTION: 1. Item represents accumulative adjustment factor as at the end of the month.
                2. MADJLD is used to adjust stock prices after distribution so that a comparison can be made on an equivalent basis between prices before and after the distribution. The distribution includes: stock dividend, stock splits, and right offering.
                3. Normally, MADJLD equals MADJCD. However, they will be different, if some types of the above distribution take place in the period between the last closing day of the month and the end of the month.

                *   For Hong Kong, the length is 12, the decimal point is 6 and the missing value is -99999.

FOUND IN: Monthly Stock Price & Returns File

MERMND   **Monthly Equally Weighted Market Returns without Cash Dividends Reinvested**

DATA TYPE: Numeric   LENGTH: 10   DECIMALS: 6   MISSING VALUE:

DESCRIPTION: 1. Item represents monthly returns excluding cash dividends for an equally weighted market portfolio.
                 2. All common and preferred stocks with non-missing returns and non-missing market values for the previous month are included in the calculation.
                 3. The weights are defined as 1/CNTCO.

FOUND IN: Monthly Market Returns File

MERMWD   **Monthly Equally Weighted Market Returns with Cash Dividends Reinvested**

DATA TYPE: Numeric   LENGTH: 10   DECIMALS: 6   MISSING VALUE:

DESCRIPTION: 1. Item represents monthly returns with cash dividends reinvested for an equally weighted market portfolio.
                 2. All common and preferred stocks with non-missing returns and non-missing market values for the previous month are included in the calculation.
                 3. The weights are defined as 1/CNTCO.

FOUND IN: Monthly Market Returns File

MKT1   **Cash Dividends - Common**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 2   MISSING VALUE: -99999999

DESCRIPTION: 1. Item represents total dividends actually paid to common stockholders in the form of cash during the fiscal year.
                 2. Value quoted in local currency per share.

FOUND IN: Financial Statements Files

MKT2   **Stock Dividends - Common**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 2   MISSING VALUE: -99999999

DESCRIPTION: 1. Item represents total dividends actually distributed to common stockholders in the form of stock during the fiscal year.
                 2. Value quoted in decimal format; e.g. 1 share for every 5 is 0.20.

FOUND IN: Financial Statements Files

MKT3   **Ending Price - Common Stock**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS[*]: 2   MISSING VALUE[*]: See Appendix A

DESCRIPTION: 1. Item represents the last price of the company's common stock quoted on the Stock Exchange for the fiscal year.
                 2. Missing value represents no trading during the fiscal year.
                 3. Unit of measurement is local currency per share.
                 *   For Hong Kong, Malaysia, and Singapore decimal is 3 and missing value is stored as -9999999.

FOUND IN: Financial Statements Files

MKT4 **Ending Price - Preferred Stock**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS[*]: 2   MISSING VALUE[*]: See Appendix A

DESCRIPTION: 1. Item represents the last price of the company's preferred stock quoted on the Stock Exchange for the fiscal year.
2. Missing value represents data unavailable or company has more than one preferred stocks on file.
3. Unit of measurement is local currency per share.
* For Hong Kong and Malaysia, decimal is 3 and missing value is stored as -9999999.

FOUND IN: Financial Statements Files

MKT5 **Number of Shares Outstanding - Common Stock**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: -9999999999

DESCRIPTION: 1. Item represents the number of shares of common stock outstanding as of fiscal year end.
2. Unit of measurement is thousands of shares.

FOUND IN: Financial Statements Files

MKT6 **Number of Shares Outstanding - Preferred Stock**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: -9999999999

DESCRIPTION: 1. Item represents the number of shares of preferred stock outstanding as of fiscal year end.
2. Missing value represents data unavailable.
3. Unit of measurement is thousands of shares.

FOUND IN: Financial Statements Files

MKTCAP **Market Capitalization**

DATA TYPE: Numeric   LENGTH: 10   DECIMALS: 0   MISSING VALUE:

DESCRIPTION: 1. Item represents the total market value of common and preferred stocks included in PACAP as of the end of the trading month.
2. MKTCAP is defined as

$$\sum_{i=1}^{N} \text{MKTVAL}i$$

where MKTVAL_i = the total market value of stock i as of trading month, and
N   = the total number of common stocks with non-missing MKTVAL.

3. Unit of measurement is millions of local currency.

FOUND IN: Monthly Market Returns File

MKTVAL   **Market Value**

DATA TYPE: Numeric   LENGTH: 10   DECIMALS: 0   MISSING VALUE: -999999999

DESCRIPTION: 1. Item represents the market value of individual stocks as of the end of the trading month.
2. MKTVAL is defined as

CLSPRC * SHROUT

where   CLSPRC   = last closing price of the trading month, and
SHROUT   = number of shares outstanding at month end.

3. If no trading occurs during the month, previous month's market value is carried forward.
4. Missing value can be a result of either the last closing price being unavailable on beginning date of the database, or when the number of shares outstanding is unknown.
5. Unit of measurement is millions of local currency.

FOUND IN: Monthly Stock Price & Returns File

MONCOV   **Months Covered in Income Statement**

DATA TYPE: Numeric   LENGTH: 2   DECIMALS: 0   MISSING VALUE: -9

DESCRIPTION: 1. Item represents the number of months that the income statement covers.

FOUND IN: Financial Statements Files

MONTH   **Calendar/Trading Month**

DATA TYPE: Numeric   LENGTH: 6   DECIMALS: 0   MISSING VALUE:

DESCRIPTION: 1. Item represent a trading month.
2. Value stored as YYYYMM, e.g. January 1980 is stored as 198001.

FOUND IN: Key Economic Statistics File - Monthly
Monthly Indices File
Monthly Market Returns File
Monthly Stock Price & Returns File

MRETND **Monthly Returns without Cash Dividends Reinvested**

DATA TYPE: Numeric LENGTH: 10 DECIMALS: 6 MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents monthly stock returns excluding cash dividends.
2. If any data element used in calculation is unavailable, a missing value is stored in MRETND.
3. MRETND$_i$ is calculated as follows:

$$MRETND_i = \prod_{t=1}^{n} (1 + DRETND_t) - 1$$

where DRETND(t) = daily return without cash dividend reinvested at day t,
n = number of trading days in month t.

FOUND IN: Monthly Stock Price & Returns File

MRETWD **Monthly Returns with Cash Dividends Reinvested**

DATA TYPE: Numeric LENGTH: 10 DECIMALS: 6 MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item represents monthly stock returns with cash dividends reinvested.
2. If any data element used in calculation is unavailable, a missing value is stored in MRETWD.
3. MRETWD includes all distributions.
4. MRETWD$_i$ is calculated as follows:

$$MRETWD_i = \prod_{t=1}^{n} (1 + DRETWD_t) - 1$$

where DRETND(t) = daily return with cash dividend reinvested at day t,
n = number of trading days in month t.

FOUND IN: Monthly Stock Price & Returns File

MVRMND   **Monthly Value-Weighted Market Returns without Cash Dividends Reinvested**

DATA TYPE: Numeric   LENGTH: 10   DECIMALS: 6   MISSING VALUE:

DESCRIPTION: 1. Item represents monthly returns excluding cash dividends for a value-weighted market portfolio.
       2. All common and preferred stocks with non-missing returns and non-missing market values for the previous month are included in the calculation.
       3. The weight assigned to stock i is

$$\frac{MKTVAL_i}{\sum_{i=1}^{CNTCO} MKTVAL_i}$$

         where $MKTVAL_i$ = previous month's total market value of stock i, and
                     $CNTCO$ = number of common stocks included in the calculation.

       *   For Singapore, stocks traded in foreign currencies are not included in monthly market return calculations.

FOUND IN: Monthly Market Returns File

MVRMWD   **Monthly Value-Weighted Market Returns with Cash Dividends Reinvested**

DATA TYPE: Numeric   LENGTH: 10   DECIMALS: 6   MISSING VALUE:

DESCRIPTION: 1. Item represents monthly returns with cash dividends reinvested for a value-weighted market portfolio.
       2. All common and preferred stocks with non-missing returns and non-missing market values for the previous month are included in the calculation.
       3. The weight assigned to stock i is

$$\frac{MKTVAL_i}{\sum_{i=1}^{CNTCO} MKTVAL_i}$$

         where $MKTVAL_i$ = previous month's total market value of stock i, and
                     $CNTCO$ = number of common stocks included in the calculation.

       *   For Singapore, stocks traded in foreign currencies are not included in monthly market return calculations.

FOUND IN: Monthly Market Returns File

OPNDAY   **Day of Opening Price**

DATA TYPE: Numeric   LENGTH: 2   DECIMALS: 0   MISSING VALUE: -9

DESCRIPTION: 1. For all countries except Hong Kong and Malaysia, item represents the day in month a stock's first opening price was quoted.
       2. For Hong Kong and Malaysia (opening price unavailable in source data), item represents the day in month a stock is first traded.
       3. Value stored as DD, e.g. 1st of the month is stored as 01.

FOUND IN: Monthly Stock Price & Returns File

OPNPRC **Opening Price**

DATA TYPE: Numeric   LENGTH: 8   DECIMALS[*]: 2   MISSING VALUE[*]: See Appendix A

DESCRIPTION: 1. Item represents the opening price of a stock on a trading date or opening price in a trading month.
2. Item is unavailable for Hong Kong and Malaysia.
3. Unit of measurement is local currency per share.
*   For Japan, Korea and Indonesia, decimal is 0.
*   For Hong Kong, Malaysia and Singapore, decimal is 3.

FOUND IN: Daily Stock Price & Returns File
Monthly Stock Price & Returns File

PARCUR **Par Value Currency**

DATA TYPE: Character   LENGTH: 3   DECIMALS: MISSING VALUE:

DESCRIPTION: 1. Item represents the currency of PARVAL (Par Value) as of the last day of PACAP if PARVAL is available.
2. Field is blank for delisted companies.

FOUND IN: Company File

PARVAL **Par Value**

DATA TYPE: Numeric   LENGTH: 8   DECIMALS[*]: 2   MISSING VALUE[*]: -99999

DESCRIPTION: 1. Item represents the par value of a stock as of the last day of PACAP.
2. Unit of measurement is local currency per share.
3. This element is unavailable for delisted companies.
4. For Japan, 0 means the company has no par value.
*   For Hong Kong and Singapore, decimal is 3 and missing value is stored as -9999.

FOUND IN: Company File

PICAP **Paid-in Capital**

DATA TYPE: Numeric   LENGTH: 10   DECIMALS: 0   MISSING VALUE: -999999999

DESCRIPTION: 1. Item represents the amount of paid-in capital when company was first listed on Stock Exchange.
2. Unit of measurement is thousands of local currency.

FOUND IN: Company File

PICCUR   Paid-in Capital Currency

DATA TYPE: Character   LENGTH: 3   DECIMALS: MISSING VALUE:

DESCRIPTION: Item represents the currency of the value stored in the PICAP (Paid-in Capital) field if the PICAP is available.

FOUND IN: Company File

QRTR   Quarter

DATA TYPE: Numeric   LENGTH: 1   DECIMALS: 0   MISSING VALUE: 9

DESCRIPTION: 1. Item represents a quarter of a year.
2. Value stored as YYYYQ, e.g. first quarter (January to March) of 1980 is stored as 19801.

FOUND IN: Key Economic Statistics File - Quarterly

SECTID   Section Code

DATA TYPE: Numeric   LENGTH: 1   DECIMALS: 0   MISSING VALUE: 9

DESCRIPTION: 1. Item represents code for grouping companies into a certain category of stock.
2. In Company File, this is the section code as of the ending date of the PACAP databases. This field is blank if the status of the company is not equal to "A" (active).
3. In Daily Stock Price & Returns File, this is the section code of the company as of the trading date.
4. In Monthly Stock Price & Returns File, this is the section code of the company as of the end of the trading month.
5. See Appendix C for listing of sections and classification criteria of each country.

FOUND IN: Company File
Daily Stock Price & Returns File
Monthly Stock Price & Returns File

SHROUT   Number of Shares Outstanding

DATA TYPE: Numeric   LENGTH: 8   DECIMALS: 0   MISSING VALUE: -9999999

DESCRIPTION: 1. Item represents the number of shares outstanding on a trading date or at month end.
2. Unit of measurement is thousands of shares.

FOUND IN: Daily Stock Price & Returns File (Japan & Korea only)
Monthly Stock Price & Returns File (all countries)

STATCO   Status of Company

DATA TYPE: Character   LENGTH: 1   DECIMALS: MISSING VALUE:

DESCRIPTION: Code representing current status of company. See Appendix A for the list of codes.

FOUND IN: Company File

STATSE   **Status of Stock Exchange**

DATA TYPE: Character   LENGTH: 1   DECIMALS: MISSING VALUE:

DESCRIPTION: Code indicating whether the Stock Exchange was open or closed on the calendar date.
                  O   =   Open
                  C   =   Closed

FOUND IN: Calendar File

STKTYP   **Stock Type**

DATA TYPE: Numeric   LENGTH: 1   DECIMALS: 0   MISSING VALUE:

DESCRIPTION: Code assigned to different types of stocks.
                  1   = Common Stock
                  2   = Common Stock traded on Alien Board (applicable to Malaysia and Thailand only)
                  5   = Preferred Stock
                  6   = Preferred Stock (second preferred stock of a company)

FOUND IN: Capital Distributions File
                  Company File
                  Daily Stock Price & Returns File
                  Monthly Stock Price & Returns File

SUBPRC   **Subscription Price**

DATA TYPE: Numeric   LENGTH: 8   DECIMALS: 2   MISSING VALUE:

DESCRIPTION: 1.   Item represents the price that the stockholders have to pay for one share of stock subscribed through a rights offering.
                  2.   Valid only for distribution types with 'R' as the first character, otherwise field is zero.
                  3.   The subscription price is based on the issuing price of the stock at the new par value in the case that a stock split or consolidation occurs on the same ex-distribution date.

FOUND IN: Capital Distributions File

TRDVAL   **Value of Shares Traded**

DATA TYPE: Numeric   LENGTH[*]: 8   DECIMALS: 0   MISSING VALUE: -999999999

DESCRIPTION: 1.   Item represents value of shares traded on a trading date or in a trading month.
                  2.   This data element is unavailable for Korea.
                  3.   For Taiwan, values before 1991 = closing price for the day * no. of shares traded.
                  4.   Unit of measurement:
                     a) For all countries except Japan - thousands of local currency.
                     b) For Japan - in millions of Yen.
                  *   Field length is 8 in Daily Stock Price & Returns File

FOUND IN: Daily Market Returns File
                  Daily Stock Price & Returns File
                  Monthly Market Returns File
                  Monthly Stock Price & Returns File

TRDVOL   **Number of Shares Traded**

DATA TYPE: Numeric   LENGTH[*]: 10   DECIMALS: 0   MISSING VALUE: -999999999

DESCRIPTION: 1. Item represents the number of shares traded on a trading date or in a trading month.
                2. Value quoted in units for Daily and Monthly Stock Price & Returns File. Value quoted in thousands in Daily
                    and Monthly Market Returns File.
                *   For Hong Kong, field length is 11 in Monthly Stock Price & Returns File.

FOUND IN: Daily Market Returns File
                Daily Stock Price & Returns File
                Monthly Market Returns File
                Monthly Stock Price & Returns File

WKDAY   **Day of Week**

DATA TYPE: Numeric   LENGTH: 1   DECIMALS: 0   MISSING VALUE:

DESCRIPTION: Code assigned to the day of the week.
                1   = Monday
                2   = Tuesday
                3   = Wednesday
                4   = Thursday
                5   = Friday
                6   = Saturday
                7   = Sunday

FOUND IN: Calendar File
                Daily Exchange Rate File
                Daily Indices File
                Daily Market Returns File
                Daily Stock Price & Returns File

XRATE   **Daily Exchange Rate**

DATA TYPE: Numeric   LENGTH: 9   DECIMALS: 4   MISSING VALUE: -9999

DESCRIPTION: 1. Item represents the daily exchange rate of local currency per US Dollars.
                2. Mid rates are quoted.

FOUND IN: Daily Exchange Rate File

YEAR   **Year**

DATA TYPE: Numeric   LENGTH: 4   DECIMALS: 0   MISSING VALUE:

DESCRIPTION: 1. Item represents a calendar Year.
                2. Value stored as YYYY.

FOUND IN: Key Economic Statistics File - Yearly
                Financial Statements Files

TWF1   **Cash and Cash Equivalent**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1.   Item is only applicable to Taiwan database and grouped under BAL1.
               2.   Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF2   **Collateral Deposit**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1.   Item is only applicable to Taiwan database and grouped under BAL1.
               2.   Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF3   **Other Investments**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1.   Item is only applicable to Taiwan database and grouped under BAL5.
               2.   .It represents investments not included in other categories.
               3.   Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF4   **Notes Receivable**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1.   Item is only applicable to Taiwan database and grouped under BAL3.
               2.   It represents notes receivable for trade.
               3.   Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF5   **Accounts Receivable**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1.   Item is only applicable to Taiwan database and grouped under BAL3.
               2.   Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF6   Other Receivable

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL5.
2. It represents receives not included in other categories.
3. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF7   Due from Associated Co.

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL3.
2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF8   Deposit & Prepayment

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL5.
2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF9   Other Current Assets

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL5.
2. It represents current assets not included in other categories.
3. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF10   Investment Properties

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL8.
2. It represents properties held for investment purposes.
3. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF11 **Investment in Assoc./Sub. Co.**

DATA TYPE: Numeric LENGTH: 11 DECIMALS: 0 MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL8.
2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF12 **Other Investment**

DATA TYPE: Numeric LENGTH: 11 DECIMALS: 0 MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL8.
2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF13 **Total Investment**

DATA TYPE: Numeric LENGTH: 11 DECIMALS: 0 MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL8.
2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF14 **Land**

DATA TYPE: Numeric LENGTH: 11 DECIMALS: 0 MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL7.
2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF15 **Building**

DATA TYPE: Numeric LENGTH: 11 DECIMALS: 0 MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL7.
2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF16 **Machine, F&F., Equip., & Vehicles**

DATA TYPE: Numeric LENGTH: 11 DECIMALS: 0 MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL7.
2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF17 **Other Fixed Assets**

DATA TYPE: Numeric LENGTH: 11 DECIMALS: 0 MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL7.
2. It represents fixed assets not included in other categories.
3. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF18 **Appraisal Increase in Value**

DATA TYPE: Numeric LENGTH: 11 DECIMALS: 0 MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL7.
2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF19 **Accumulated Depreciation**

DATA TYPE: Numeric LENGTH: 11 DECIMALS: 0 MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL7.
2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF20 **Incomplete Contract & Prepayment**

DATA TYPE: Numeric LENGTH: 11 DECIMALS: 0 MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL7.
2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF21 **Rental & Other Non-Operating Properties**

DATA TYPE: Numeric LENGTH: 11 DECIMALS: 0 MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL9.
2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF22   **Long-Term Deposit & Prepayment**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL8.
                2. It represents deposits and prepayment with maturity longer than one year.
                3. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF23   **Long-Term Receivable**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL8.
                2. It represents receivable with maturity longer than one year.
                3. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF24   **Due from Associated Co. - Long-Term**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL8.
                2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF25   **Deferred Taxation**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL8.
                2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF26   **Deferred Assets**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL8.
                2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF27   **Intangible Assets**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL8.
                2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF28   **Other Long-term Assets**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL8.
              2. It represents long-term assets not included in other categories
              3. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF29   **Total Long-term Assets**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL8.
              2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF30   **Bank Loan & Borrowing**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL11.
              2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF31   **Short-Term Bills Payable**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL11.
              2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF32   **Notes Payable**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL10.
              2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF33   **Accounts Payable**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL10.
              2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF34   **Accruals & Other Payable**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL12.
                 2. It represents accruals expenses and payables not included in other categories.
                 3. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF35   **Taxation**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL12.
                 2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF36   **Lease Obligation**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL12.
                 2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF37   **Advances & Deposit Received**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL12.
                 2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF38   **Due to Associated Co.**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL10.
                 2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF39   **Current Portion of LT Debt**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL11.
                 2. It represents the portion of long-term loans which is due within one year.
                 3. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF40 **Other Current Liabilities**

DATA TYPE: Numeric LENGTH: 11 DECIMALS: 0 MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL12.
2. It represents current liabilities and liabilities not included in other categories.
3. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF41 **Due to Associated Co. - Long-Term**

DATA TYPE: Numeric LENGTH: 11 DECIMALS: 0 MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL16.
2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF42 **Deferred Income**

DATA TYPE: Numeric LENGTH: 11 DECIMALS: 0 MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL16.
2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF43 **Deferred Taxation**

DATA TYPE: Numeric LENGTH: 11 DECIMALS: 0 MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL16.
2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF44 **Provision**

DATA TYPE: Numeric LENGTH: 11 DECIMALS: 0 MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL16.
2. It represents provision for tax due to the increased value of land.
3. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF45 **Other Long-Term Liabilities**

DATA TYPE: Numeric LENGTH: 11 DECIMALS: 0 MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL16.
2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF46   **Minority Interest**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1.   Item is only applicable to Taiwan database and grouped under BAL22.
                        2.   Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF47   **Share Capital**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1.   Item is only applicable to Taiwan database and grouped under BAL18.
                        2.   Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF48   **Preferred Share Capital**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1.   Item is only applicable to Taiwan database and grouped under BAL18.
                        2.   Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF49   **Adjustments to Share Capital**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1.   Item is only applicable to Taiwan database and grouped under BAL18.
                        2   Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF50   **Share Premium**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1.   Item is only applicable to Taiwan database and grouped under BAL21.
                        2.   It represents paid-in capital in excess of par value.
                        3.   Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF51   **Capital Reserve**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1.   Item is only applicable to Taiwan database and grouped under BAL20.
                        2.   a) It includes less than 50% of the ownership of the subsidiaries company and
                              b) the gain or loss of the disposed fixed assets.
                        3.   Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF52   **Other Reserve**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL20.
                2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF53   **Share of Parent Co., Held by Sub.**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL20.
                2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF54   **Unrealized Loss**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL20.
                2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF55   **Retained Earnings**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL20.
                2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF56   **Translation Gain (Loss)**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL20.
                2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF57   **Other Items in Stockholders' Equity**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BAL20.
               2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF58   **Cost of Sales**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under INC2.
               2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF59   **Adjustment to Gross Profit**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under INC2.
               2. It is shown as "Other Adjustments" before Gross Profit in Income Statement of source books
               3. It represents unrealized sales revenue.
               4. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF60   **Non-Operating Income/Gain**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under INC6.
               2. It represents income from secondary activities of the company.
               3. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF61   **Non-Operating Expenses/Loss**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under INC6.
               2. It represents expenses incurred in secondary activities of the company.
               3. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF62   **Discontinued Operations**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under INC8.
                 2. It represents the gain/loss from the disposal of a business segment.
                 3. Amount is shown net of tax.
                 4. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF63   **Extraordinary Items**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under INC8.
                 2. It represents events and transactions that are unusual or infrequent in the typical business of a company.
                 3. Amount is shown net of tax.
                 4. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF64   **Cumulative Effect**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under INC8.
                 2. It represents the cumulative effect of a change in accounting principles, such as a change in the inventory
                     valuation method or a change in the depreciation method.
                 3. Amount is shown net of tax.
                 4. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF65   **Minority Interest**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under INC9.
                 2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF66   **Interest & Investment**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                 2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWF67   **Interest Expense**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database.
2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Industrial Companies (Taiwan)

TWFB1   **Cash**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB1.
2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB2   **Due from Banks**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB1.
2. It represents short-terms funds deposited with other banks.
3. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB3   **Short-Term Negotiable Instruments**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB2.
2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB4   **Funds and Investments**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BALB2.
2. It represents investments not expected to be liquidated within one year.
3. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB5   **Investment in Property**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB2.
2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB6   **Investment in Assoc./Sub. Co.**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB2.
                2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB7   **Investment in Bonds and Securities**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB2.
                2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB8   **Other Funds and Investment**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB2.
                2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB9   **Receivables & Advance Payments**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB3.
                2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB10   **Accounts Receivable**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB3.
                2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB11   **Notes Receivable**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB3.
                2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB12   **Interest Receivable**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB3.
                2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB13   **Receivables from Sale of Securities**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB3.
                2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB14   **Insurance & Reinsurance Premium**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB3.
                2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB15   **Insurance & Commission Receivable**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB3.
                2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB16   **Deposit and Prepayment**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB3.
                2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB17   **Accruals and Other Receivable**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB3.
                2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB18   **Discounts & Loans**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB3.
2. It represents discounts and loans granted to customers.
3. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB19   **Land**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB4.
2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB20   **Building**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB4.
2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB21   **Machine, F&F., Equip., & Vehicles**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB4.
2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB22   **Other Fixed Assets**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB4.
2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB23   **Appraisal Increase in Value**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB4.
2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB24   **Accumulated depreciation**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB4.
                  2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB25   **Incomplete Contract & Prepayment**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB4.
                  2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB26   **Other Current Assets**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB5.
                  2. It represents current assets other than cash, due from banks, short-term negotiable instruments, and receivables and advance payments.
                  3. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB27   **Other Assets**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BALB5.
                  2. It represents assets not included in other categories.
                  3. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB28   **Rental & other Non-operating Property**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB5.
                  2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB29   **Long-Term Deposit & Prepayment**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB5.
                  2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB30 **Long-Term Receivable**

DATA TYPE: Numeric LENGTH: 11 DECIMALS: 0 MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB5.
2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB31 **Due from Associated Co.**

DATA TYPE: Numeric LENGTH: 11 DECIMALS: 0 MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB5.
2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB32 **Deferred Taxation**

DATA TYPE: Numeric LENGTH: 11 DECIMALS: 0 MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB5.
2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB33 **Deferred Assets**

DATA TYPE: Numeric LENGTH: 11 DECIMALS: 0 MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB5.
2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB34 **Intangible Assets**

DATA TYPE: Numeric LENGTH: 11 DECIMALS: 0 MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB5.
2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB35 **Other Long-Term Assets**

DATA TYPE: Numeric LENGTH: 11 DECIMALS: 0 MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB5.
2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB36   **Accounts Payable**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB7.
                2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB37   **Notes Payable**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB7.
                2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB38   **Payable on Purchases of Securities**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB7.
                2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB39   **Insurance and Reinsurance Claims**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB7.
                2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB40   **Accruals and Other Payable**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB7.
                2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB41   **Deposits, Mutual Savings & Borrowings**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB8.
                2. It represents deposits by customers and other banks, and borrowings from other banks.
                3. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB42   **Financed by Central and Other Banks**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB8.
                2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB43   **Long-Term Liabilities**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB9.
                2. It represents long-term liabilities other than deposits, mutual savings & borrowings; and financed by central & other banks.
                3. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB44   **Due to Associated Co.**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB9.
                2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB45   **Deferred Income**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB9.
                2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB46   **Deferred Taxation**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB9.
                2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB47   **Provision**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB8.
                2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB48   **Long-Term Liabilities**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB9.
                  2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB 49   **Other Liabilities**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB9.
                  2. It represents liabilities not included in other categories.
                  3. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB50   **Reserves for Operations**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB9.
                  2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB51   **Share Capital**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB11.
                  2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB52   **Preferred Share Capital**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB11.
                  2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB53   **Adjustments to share Capital**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB11.
                  2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB54   Surplus & Retained Earnings

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB12.
2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB55   Share Premium

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB12.
2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB56   Capital Reserve

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB12.
2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB57   Other Reserve

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB12.
2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB58   Share of Parent Co. Held by Sub.

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB12.
2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB59   Retained Earning

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB12.
2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB60   **Other Items in Equity**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB12.
                2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB61   **Unrealized Loss**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB12.
                2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB62   **Translation Gain (Loss)**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and group under BALB12.
                2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB63   **Other Items in Stockholders' Equity**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under BALB12.
                2. It is shown as "Other Items" in Equity section of Balance Sheet in source books
                3. It includes capital collected in advance and allowance for excess of cost of long-term investments over market
                    value.
                4. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB64   **Operating Cost**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan.
                2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB65   **Gross Profit**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB66 Operating Expenses

DATA TYPE: Numeric LENGTH: 11 DECIMALS: 0 MISSING VALUE: See Appendix A

DESCRIPTION:
1. Item is only applicable to Taiwan database.
2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB67 Adjustments to Income from Operations

DATA TYPE: Numeric LENGTH: 11 DECIMALS: 0 MISSING VALUE: See Appendix A

DESCRIPTION:
1. Item is only applicable to Taiwan database and grouped under INCB2.
2. It is shown as "Other Adjustments" before Income from Operations in Income Statement of source books
3. It represents unrealized operating revenue.
4. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB68 Non-Operating Income

DATA TYPE: Numeric LENGTH: 11 DECIMALS: 0 MISSING VALUE: See Appendix A

DESCRIPTION:
1. Item is only applicable to Taiwan database and grouped under INCB4.
2. It represents income from secondary activities of the company.
3. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB69 Non-Operating Expenses

DATA TYPE: Numeric LENGTH: 11 DECIMALS: 0 MISSING VALUE: See Appendix A

DESCRIPTION:
1. Item is only applicable to Taiwan database and grouped under INCB4.
2. It represents expenses incurred in secondary activities of the company.
3. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB70 Discontinued Operations

DATA TYPE: Numeric LENGTH: 11 DECIMALS: 0 MISSING VALUE: See Appendix A

DESCRIPTION:
1. Item is only applicable to Taiwan database and grouped under INCB7.
2. It represents the gain/loss from the disposal of a business segment.
3. Amount is shown net of tax.
4. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB71   **Cumulative Effect**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan database and grouped under INCB7.
                2. It represents the cumulative effect of a change in accounting principles, such as a change in the inventory
                    valuation method or a change in the depreciation method.
                3. Amount is shown net of tax.
                4. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB72   **Interest Income**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan.
                2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWFB73   **Interest Expenses**

DATA TYPE: Numeric   LENGTH: 11   DECIMALS: 0   MISSING VALUE: See Appendix A

DESCRIPTION: 1. Item is only applicable to Taiwan.
                2. Unit of measurement is thousands of N.T. Dollars.

FOUND IN: Financial Statements File - Financial Companies (Taiwan)

TWM1   **N.T. Dollars per U.S. Dollar**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 4   MISSING VALUE: -99

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                2. Before April 1989, it represents the mid point of the spot buying and spot selling rates at the end of the
                    month. Beginning April 1989, it represents the fixing rate for trading volumes less than U.S.$30,000 at the
                    end of the month.
                3. Unit of measurement is N.T. Dollars per U.S. Dollar.

FOUND IN: Key Economic Statistics File - Monthly (Taiwan)

TWM2   **N.T. Dollars per U.K. Pound**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 4   MISSING VALUE: -99

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                2. It represents the mid point of the spot buying and spot selling rates at the end of the month.
                3. Unit of measurement is N.T. Dollars per U.K. Pound.

FOUND IN: Key Economic Statistics File - Monthly (Taiwan)

TWM3 **N.T. Dollars per Deutsche Mark**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 4   MISSING VALUE: -99

DESCRIPTION: 1. Item is only applicable to Taiwan database.
2. It represents the mid point of the spot buying and spot selling rates at the end of the month.
3. Unit of measurement is N.T. Dollars per Deutsche Mark.

FOUND IN: Key Economic Statistics File - Monthly (Taiwan)

TWM4 **N.T. Dollars per French Franc**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 4   MISSING VALUE: -99

DESCRIPTION: 1. Item is only applicable to Taiwan database.
2. It represents the mid point of the spot buying and spot selling rates at the end of the month.
3. Unit of measurement is N.T. Dollars per French Franc.

FOUND IN: Key Economic Statistics File - Monthly (Taiwan)

TWM5 **N.T. Dollars per Swiss Franc**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 4   MISSING VALUE: -99

DESCRIPTION: 1. Item is only applicable to Taiwan database.
2. It represents the mid point of the spot buying and spot selling rates at the end of the month.
3. Unit of measurement is N.T. Dollars per Swiss Franc.

FOUND IN: Key   Economic   Statistics   File   -   Monthly   (Taiwan)

TWM6 **N.T. Dollars per 100 Japanese Yen**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 4   MISSING VALUE: -99

DESCRIPTION: 1. Item is only applicable to Taiwan database.
2. It represents the mid point of the spot buying and spot selling rates at the end of the month.
3. Unit of measurement is N.T. Dollars per 100 Japanese Yen.

FOUND IN: Key Economic Statistics File - Monthly (Taiwan)

TWM7 **N.T. Dollars per Hong Kong Dollar**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 4   MISSING VALUE: -99

DESCRIPTION: 1. Item is only applicable to Taiwan database.
2. It represents the mid point of the spot buying and spot selling rates at the end of the month.
3. Unit of measurement is N.T. Dollars per Hong Kong Dollar.

FOUND IN: Key Economic Statistics File - Monthly (Taiwan)

TWM8   **N.T. Dollars per Singapore Dollar**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 4   MISSING VALUE: -99

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                2. It represents the mid point of the spot buying and spot selling rates at the end of the month.
                3. Unit of measurement is N.T. Dollars per Singapore Dollar.

FOUND IN: Key Economic Statistics File - Monthly (Taiwan)

TWM9   **N.T. Dollars per Australian Dollar**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 4   MISSING VALUE: -99

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                2. It represents the mid point of the spot buying and spot selling rates at the end of the month.
                3. Unit of measurement is N.T. Dollars per Australian Dollar.

FOUND IN: Key Economic Statistics File - Monthly (Taiwan)

TWM10   **N.T. Dollars per Canadian Dollar**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 4   MISSING VALUE: -99

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                2. It represents the mid point of the spot buying and spot selling rates at the end of the month.
                3. Unit of measurement is N.T. Dollars per Canadian Dollar.

FOUND IN: Key Economic Statistics File - Monthly (Taiwan)

TWM21   **Central Bank Rediscount Rate**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 4   MISSING VALUE: -99

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                2. It is the rediscount rate of the Central Bank of China at the end of the month.
                3. Unit of measurement is percent per annum.

FOUND IN: Key Economic Statistics File - Monthly (Taiwan)

TWM22   **Interbank Call Loan Rate**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 4   MISSING VALUE: -99

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                2. It is the weighted average interbank call loan rate calculated by dividing the total interest payments (sum of amount x maturity x interest rate) by the total volume of transactions (sum of amount x maturity) using transaction figures for the entire month.
                3. Prior to November 1994, the figures comprised the weighted average for all maturities, an overnight weighted rate being adopted thereafter.
                4. Unit of measurement is percent per annum.

FOUND IN: Key Economic Statistics File - Monthly (Taiwan)

TWM23 **Commercial Paper 31-90 Days Secondary Market Rate**

DATA TYPE: Numeric LENGTH: 7 DECIMALS: 4 MISSING VALUE: -99

DESCRIPTION:
1. Item is only applicable to Taiwan database.
2. It is the average of the mean of the lowest and highest daily effective rates.
3. Prior to September 1986, this item represents the rates of 91-120 days.
4. Rates are quoted on a true discount basis.
5. Unit of measurement is percent per annum.

FOUND IN: Key Economic Statistics File - Monthly (Taiwan)

TWM24 **Commercial Paper 91-180 Days Secondary Market Rate**

DATA TYPE: Numeric LENGTH: 7 DECIMALS: 4 MISSING VALUE: -99

DESCRIPTION:
1. Item is only applicable to Taiwan database.
2. It is the average of the mean of the lowest and highest daily effective rates.
3. Prior to 1986, this item represents the rates of 121-180 days.
4. Rates are quoted on a true discount basis (see TWM23).
5. Unit of measurement is percent per annum.

FOUND IN: Key Economic Statistics File - Monthly (Taiwan)

TWM25 **Negotiable CD 1-90 Days Secondary Market Rate**

DATA TYPE: Numeric LENGTH: 7 DECIMALS: 4 MISSING VALUE: -99

DESCRIPTION:
1. Item is only applicable to Taiwan database.
2. It is the average of the mean of the lowest and highest daily effective rates.
3. Rates are quoted on a true-discount basis (see TWM23).
4. Unit of measurement is percent per annum.

FOUND IN: Key Economic Statistics File - Monthly (Taiwan)

TWM26 **Negotiable CD Over 90 Days Secondary Market Rate**

DATA TYPE: Numeric LENGTH: 7 DECIMALS: 4 MISSING VALUE: -99

DESCRIPTION:
1. Item is only applicable to Taiwan database.
2. It is the average of the mean of the lowest and highest daily effective rates.
3. Rates are quoted on a true discount basis (see TWM23).
4. Unit of measurement is percent per annum.

FOUND IN: Key Economic Statistics File - Monthly (Taiwan)

TWM27   **Treasury Bills 91 Days Primary Market Rate**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 4   MISSING VALUE: -99

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                2. Rates are quoted on a true discount basis (see TWM23).
                3. Unit of measurement is percent per annum.

FOUND IN: Key Economic Statistics File - Monthly (Taiwan)

TWM28   **Treasury Bills 364 Days Primary Market Rate**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 4   MISSING VALUE: -99

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                2. Rates are quoted on a true discount basis (see TWM23).
                3. Unit of measurement is percent per annum.

FOUND IN: Key Economic Statistics File - Monthly (Taiwan)

TWM29   **Government Bonds 5-Year Primary Market Rate**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 4   MISSING VALUE: -99

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                2. Rates are weighted by the volume of issues in the month.
                3. Beginning July 1991, the government bonds excluded the land bonds compensated to the landlords by the
                    provincial or municipal government.
                4. Unit of measurement is percent per annum.

FOUND IN: Key Economic Statistics File - Monthly (Taiwan)

TWM30   **Corporate Bonds 5-Year Primary Market Rate**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 4   MISSING VALUE: -99

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                2. Rates are weighted by the volume of issues in the month.
                3. Unit of measurement is percent per annum.

FOUND IN: Key Economic Statistics File - Monthly (Taiwan)

TWM41   **Currency in Circulation**

DATA TYPE: Numeric   LENGTH: 8   DECIMALS: 0   MISSING VALUE: -9999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                2. Before January 1997 it includes currency issued minus cash in vaults held by monetary institutions.
                    After December 1996 it includes currency issued minus cash in vaults held by monetary institutions and
                    the postal saving.
                3. Values for both the end of month and the month's average are available.
                4. Unit of measurement is millions of N.T. Dollars.

FOUND IN: Key Economic Statistics File - Monthly (Taiwan)

TWM42 **Money Supply - M1A**

DATA TYPE: Numeric   LENGTH: 8   DECIMALS: 0   MISSING VALUE: -9999999

DESCRIPTION:
1. Item is only applicable to Taiwan database.
2. It represents cash in vaults held by monetary institutions plus checking account deposits (including cashier's checks, certified and traveler's checks) and passbook deposits.
3. Values for both the end of month and the month's average are available.
4. Unit of measurement is millions of N.T. dollars.

FOUND IN: Key Economic Statistics File - Monthly (Taiwan)

Note: Before January 1997 cash in vaults held by monetary institutions, after December 1996 cash in vaults held by monetary institutions and postal saving system.

TWM43 **Money Supply - M1B**

DATA TYPE: Numeric   LENGTH: 8   DECIMALS: 0   MISSING VALUE: -9999999

DESCRIPTION:
1. Item is only applicable to Taiwan database.
2. It includes M1A plus passbook savings deposits.
3. Values for both the end of month and the month's average are available.
4. Unit of measurement is millions of N.T. Dollars.

FOUND IN: Key Economic Statistics File - Monthly (Taiwan)

TWM44 **Money Supply - M2**

DATA TYPE: Numeric   LENGTH: 8   DECIMALS: 0   MISSING VALUE: -9999999

DESCRIPTION:
1. Item is only applicable to Taiwan database.
2. Before January 1997, it includes M1B plus quasi money (which is the sum of deposits replaced by postal service savings, time and savings deposits, and foreign currency deposits).
   After December 1996, It includes MIB plus quasi money (which is the sum of time & savings deposits, foreign currency deposits, postal savings deposits, repurchase agreements, and non-residents N.T. deposits.)
3. Values for both the end of month and the month's average are available.
4. Unit of measurement is millions of N.T. dollars.

FOUND IN: Key Economic Statistics File - Monthly (Taiwan)

TWM46 **Monetary Base**

DATA TYPE: Numeric   LENGTH: 8   DECIMALS: 0   MISSING VALUE: -9999999

DESCRIPTION:
1. Item is only applicable to Taiwan database.
2. Before January 1997, it represents the sum of currency in circulation and reserves held by deposit money banks (vault cash held by deposit money banks plus deposits with the Bank of China) at the end of the month.
   After December 1996, it represents the sum of currency in circulation and reserves held by financial institution (vault cash is held by monetary institutions and postal saving system).
3. Unit of measurement is millions of N.T. Dollars.

FOUND IN: Key Economic Statistics File - Monthly (Taiwan)

TWM47   **Reserves Held by Financial Institution**

DATA TYPE: Numeric   LENGTH: 8   DECIMALS: 0   MISSING VALUE: -9999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
               2. It represents the sum of cash in vaults, and deposits with the Central Bank of China, the Bank of Taiwan and
                   the Co-Operative Bank of Taiwan.
               3. Values for both the end of month and the month's average are available.
               4. Unit of measurement is millions of N.T. Dollars.

FOUND IN: Key Economic Statistics File - Monthly (Taiwan)

Note: Before January 1997, vault cash is held by deposit money bank, after January 1997, vault cash is held by deposit
               money bank and postal savings system.

TWM48   **Required Reserves Against Deposits of Deposit Money Banks**

DATA TYPE: Numeric   LENGTH: 8   DECIMALS: 0   MISSING VALUE: -9999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
               2. Before January 1997, it represents the average reserves required against deposits for the month.
                   After December 1996, it represents the average reserve requirements of financial institutions.
               3. Unit of measurement is millions of N.T. Dollars.

FOUND IN: Key Economic Statistics File - Monthly (Taiwan)

TWM49   **Borrowings at Central Bank by Deposit Money Banks**

DATA TYPE: Numeric   LENGTH: 8   DECIMALS: 0   MISSING VALUE: -9999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
               2. Prior to January 1982, this item includes unsecured temporary accommodations only.
               3. Value given is the average for the month.
               4. Unit of measurement is millions of N.T. Dollars.

FOUND IN: Key Economic Statistics File - Monthly (Taiwan)

TWM51   **Total Loans and Discounts of All Domestic Banks**

DATA TYPE: Numeric   LENGTH: 8   DECIMALS: 0   MISSING VALUE: -9999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
               2. It represents the sum of discounts, short-term loans and overdrafts, and intermediate- and long-term loans at
                   the end of the month.
               3. Beginning October 1994, the figures of Chinfon Commercial Bank have been included.
               4. Unit of measurement is millions of N.T. Dollars.

FOUND IN: Key Economic Statistics File - Monthly (Taiwan)

TWM61   **Wholesale Price Index in Taiwan Area**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 2   MISSING VALUE: -9999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                2. It is a general index using base period 1991 = 100 & base period 1996 = 100.
                3. Both unadjusted and seasonally adjusted figures are available.

FOUND IN: Key Economic Statistics File - Monthly (Taiwan)

TWM62   **Consumer Price Index in Taiwan Area**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 2   MISSING VALUE: -9999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                2. It is a general index using base period 1991 = 100 & base period 1996 = 100.
                3. Both unadjusted and seasonally adjusted figures are available.

FOUND IN: Key Economic Statistics File - Monthly (Taiwan)

TWM63   **Import Price Index in Taiwan Area**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 2   MISSING VALUE: -9999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                2. It is a general index using base period 1991 = 100 & base period 1996 = 100.
                3. Both unadjusted and seasonally adjusted figures are available.

FOUND IN: Key Economic Statistics File - Monthly (Taiwan)

TWM64   **Export Price Index in Taiwan Area**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 2   MISSING VALUE: -9999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                2. It is a general index using base period 1991 = 100 & base period 1996 = 100.
                3. Both unadjusted and seasonally adjusted figures are available.

FOUND IN: Key Economic Statistics File - Monthly (Taiwan)

TWM71   **Outstanding Amount of Central Government Bonds**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 0   MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                2. It is the total amount of Central Government Bonds outstanding at the end of the month.
                3. Unit of measurement is millions of N.T. Dollars.

FOUND IN: Key Economic Statistics File - Monthly (Taiwan)

TWY1   **Wholesale Price Index in Taiwan Area**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 2   MISSING VALUE: -9999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
              2. It is a general index uses base period 1991 = 100 & base period 1996 = 100.
              3. Figures are non-seasonally adjusted.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY2   **Consumer Price Index in Taiwan Area**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 2   MISSING VALUE: -9999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
              2. It is a general index uses base period 1991 = 100 & base period 1996 = 100.
              3. Figures are non-seasonally adjusted.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY3   **Import Price Index in Taiwan Area**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 2   MISSING VALUE: -9999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
              2. It is a general index uses base period 1991 = 100 & base period 1996 = 100.
              3. Figures are non-seasonally adjusted.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY4   **Export Price Index in Taiwan Area**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 2   MISSING VALUE: -9999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
              2. It is a general index uses base period 1991 = 100 & base period 1996 = 100.
              3. Figures are non-seasonally adjusted.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY5   **Gross National Product Deflator**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 2   MISSING VALUE: -9999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
              2. It is an implicit price deflator for GNP (after adjusted for changes in terms of trade) using base period 1991 = 100 & base period 1996 = 100.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY6   **Gross National Expenditure Deflator**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 2   MISSING VALUE: -9999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                2. It is an implicit price deflator for gross national expenditure (after adjusted for changes in terms in trade) using base period 1991 = 100 & base period 1996 = 100.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY7   **Private Final Consumption Expenditure Deflator**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 2   MISSING VALUE: -9999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                2. It is an implicit price deflator using base period 1991 = 100 & base period 1996 = 100.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY8   **Government Final Consumption Expenditure Deflator**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 2   MISSING VALUE: -9999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                2. It is an implicit price deflator using base period 1991 = 100 & base period 1996 = 100.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY9   **Gross Fixed Capital Formation Deflator**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 2   MISSING VALUE: -9999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                2. It is an implicit price deflator using base period 1991 = 100.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY10   **Increase in Stocks Deflator**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 2   MISSING VALUE: -9999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                2. It is an implicit price deflator using base period 1991 = 100 & base period 1996 = 100.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

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TWY11   **Exports of Goods & Services Deflator**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 2   MISSING VALUE: -9999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                   2. It is an implicit price deflator using base period 1991 = 100 & base period 1996 = 100.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY12   **Imports of Goods & Services Deflator**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 2   MISSING VALUE: -9999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                   2. It is an implicit price deflator using base period 1991 = 100 & base period 1996 = 100.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY13   **Expenditure on Gross Domestic Product Deflator**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 2   MISSING VALUE: -9999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                   2. It is an implicit price deflator using base period 1991 = 100 & base period 1996 = 100.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY14   **Net Domestic Product Deflator**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 2   MISSING VALUE: -9999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                   2. It is an implicit price deflator using base period 1991 = 100 & base period 1996 = 100.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY15   **National Income at Factor Cost Deflator**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 2   MISSING VALUE: -9999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                   2. It is an implicit price deflator for national income at factor cost (after adjusted for changes in terms of trade) using a base period 1991 = 100 & base period 1996 = 100.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY21   **Merchandise Exports f.o.b.**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 0   MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                   2. It represents exports of tangible goods.
                   3. Unit of measurement is millions of U.S. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

Note: The data is no longer existing after 1996.

TWY22 **Merchandise Imports f.o.b.**

DATA TYPE: Numeric LENGTH: 7 DECIMALS: 0 MISSING VALUE: -999999

DESCRIPTION:
1. Item is only applicable to Taiwan database.
2. It represents imports of tangible goods.
3. Unit of measurement is millions of U.S. dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

Note: The data is no longer existing after 1996.

TWY23 **Trade Balance**

DATA TYPE: Numeric LENGTH: 7 DECIMALS: 0 MISSING VALUE: -999999

DESCRIPTION:
1. Item is only applicable to Taiwan database.
2. It is the net amount of merchandise exports less merchandise imports.
3. Unit of measurement is millions of U.S. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

Note: The data is no longer existing after 1996.

TWY24 **Other Goods, Services and Income Exports**

DATA TYPE: Numeric LENGTH: 7 DECIMALS: 0 MISSING VALUE: -999999

DESCRIPTION:
1. Item is only applicable to Taiwan database.
2. It represents exports of goods, services and income other than tangible goods.
3. It includes receipts for:
   a) shipment;
   b) other transportation;
   c) travel;
   d) investment income; and
   e) other goods, services and income.
4. Unit of measurement is millions of U.S. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

Note: The data is no longer existing after 1996.

TWY25 **Other Goods, Services and Income Imports**

DATA TYPE: Numeric LENGTH: 7 DECIMALS: 0 MISSING VALUE: -999999

DESCRIPTION:
1. Item is only applicable to Taiwan database.
2. It represents imports of goods, services and income excluding tangible goods.
3. It includes payments for:
   a) shipment;
   b) other transportation;
   c) travel;
   d) investment income; and
   e) other goods, services and income.
4. Unit of measurement is millions of U.S. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

Note: The data is no longer existing after 1996.

TWY26   **Unrequited Transfers**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 0   MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                       2. It is the net amount of private and government inward/outward unrequited transfers.
                       3. Unit of measurement is millions of U.S. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

Note: The data is no longer existing after 1996.

TWY27   **Current Balance**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 0   MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                       2. It represents the sum of:
                            a) the trade balance;
                            b) other goods, services and income exports;
                            c) (less) other goods, services and income imports; and
                            c) unrequited transfers.
                       3. Unit of measurement is million of U.S. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

Note: The data is no longer existing after 1996.

TWY28   **Direct Investment**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 0   MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                       2. It represents the net amount of direct investment inflows and outflows, excluding valuation changes and
                            changes in the net foreign assets of the deposit money banks and the Central Bank of China.
                       3. Unit of measurement is millions of U.S. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

Note: The data is no longer existing after 1996.

TWY29   **Other Long-Term Capital**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 0   MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                       2. It represents the net amount of long-term capital inflows and outflows other than direct investment, excluding
                            valuation changes and changes in net foreign assets of the deposit money banks and the Central Bank of
                            China.
                       3. Unit of measurement is millions of U.S. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

Note: The data is no longer existing after 1996.

TWY30 **Short-Term Capital**

DATA TYPE: Numeric LENGTH: 7 DECIMALS: 0 MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
2. It represents the net amount of short-term capital inflows and outflows, excluding valuation changes and changes in net foreign assets of the deposit money banks and the Central Bank of China.
3. Unit of measurement is millions of U.S. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

Note: The data is no longer existing after 1996.

TWY31 **Errors and Omissions**

DATA TYPE: Numeric LENGTH: 7 DECIMALS: 0 MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
2. Unit of measurement is millions of U.S. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

Note: The data is no longer existing after 1996.

TWY32 **Counterpart Items**

DATA TYPE: Numeric LENGTH: 7 DECIMALS: 0 MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
2. It is the net amount of the monetization/demonetization of gold and allocation/cancellation of SDRs.
3. Unit of measurement is millions of U.S. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

Note: The data is no longer existing after 1996.

TWY33 **Change in Net Foreign Assets of the Banking System**

DATA TYPE: Numeric LENGTH: 7 DECIMALS: 0 MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
2. It is the net amount of changes in foreign assets of the deposit money banks and the Central Bank of China.
3. Unit of measurement is millions of U.S. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

Note: The data is no longer existing after 1996.

TWY34   **Goods Credit**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 0   MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                  2. It represents the total credit of :
                      a)   General merchandise: exports f.o.b.
                      b)   Goods for processing: exports f.o.b.
                      c)   Repairs on goods
                      d)   Goods procured in ports by carriers
                      e)   Nonmonetary gold
                  3. Unit of measurement is millions of U.S. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY35   **Goods Debit**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 0   MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database
                  2. It represents the total debit of :
                      a)   General merchandise: imports f.o.b.
                      b)   Goods for processing: imports f.o.b.
                      c)   Repairs on goods
                      d)   Goods procured in ports by carriers
                      e)   Nonmonetary gold
                  3. Unit of measurement is millions of U.S. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY36   **Total Goods**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 0   MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                  2. It is the total of goods credit and goods debit.
                  3. Unit of measurement is millions of U.S. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY37   **Services Credit**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 0   MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                  2. It represents the total services credit of
                      a)   Transportation services
                      b)   Travel
                      c)   Other services
                  3. Unit of measurement is millions of U.S. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY38 **Services Debit**

DATA TYPE: Numeric LENGTH: 7 DECIMALS: 0 MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
2. It represents the total services debit of :
  a) Transportation services
  b) Travel
  c) Other services
3. Unit of measurement is millions of U.S. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY39 **Total Services**

DATA TYPE: Numeric LENGTH: 7 DECIMALS: 0 MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
2. It is the total of services credit and services debit.
3. Unit of measurement is millions of U.S. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY40 **Income Credit**

DATA TYPE: Numeric LENGTH: 7 DECIMALS: 0 MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
2. It represents the total income credit of :
  a) Compensation of employees
  b) Investment income
3. Unit of measurement is millions of U.S. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY41 **Income Debit**

DATA TYPE: Numeric LENGTH: 7 DECIMALS: 0 MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
2. It represents the total income debit of :
  a) Compensation of employees
  b) Investment income
3. Unit of measurement is millions of U.S. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY42   **Total Income**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 0   MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                2. It is the total of income credit and income debit.
                3. Unit of measurement is millions of U.S. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY43   **Net Current Transfer**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 0   MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                2. It represents the net amount of the all credits/debits of the general government and other sectors.
                3. Unit of measurement is millions of U.S. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY44   **Current Account Balance**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 0   MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                2. It represents the net amount of the total goods, services, income, and current transfers.
                3. Unit of measurement is millions of U.S. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY45   **Capital Account**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 0   MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                2. It represents the net amount of the total credits/debits of capital transfer and nonproduced nonfinancial assets.
                3. Unit of measurement is millions of U.S. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY46   **Direct Investment**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 0   MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                2. It represents the net amount of direct investment abroad and direct investment in Taiwan, R.O.C.
                3. Unit of measurement is millions of U.S. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY47   Portfolio Investment

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 0   MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
               2. It represents net amount of the total assets and liabilities of equity and debt securities.
                   a)   The equity securities, includes the monetary authorities, general government, banks, and other sectors.
                   b)   The debt securities, includes the money market instruments, financial derivatives, bonds and notes.
               3. Unit of measurement is millions of U.S. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY48   Other Investment

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 0   MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
               2. It represents the net amount of the total amount of the assets and liabilities. The assets and liabilities include the trade credits, loans, currency and deposits, and other assets.
               3. Unit of measurement is millions of U.S. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY49   Reserve Assets

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 0   MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
               2. It represents the total amount of monetary gold, special drawing rights, reserve position in the fund, foreign exchange, and other claims.
               3. Unit of measurement is millions of U.S. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY50   Financial Account

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 0   MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
               2. It is the sum of direct investment, portfolio investment, other investment, and reserve assets.
               3. Unit of measurement is millions of U.S. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY51   Capital and Financial Account

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 0   MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
               2. It is the sum of the capital account and financial account
               3. Unit of measurement is millions of U.S. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY52 **Net Errors and Omissions**

DATA TYPE: Numeric LENGTH: 7 DECIMALS: 0 MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
2. Unit of measurement is millions of U.S. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY53 **Overall Balance**

DATA TYPE: Numeric LENGTH: 7 DECIMALS: 0 MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
2. It is the sum of the capital account, financial account (excluding the reserve assets), and net errors and omissions.
3. Unit of measurement is millions of U.S. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY61 **Gross Domestic Product**

DATA TYPE: Numeric LENGTH: 7 DECIMALS: 0 MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
2. Values at current prices, 1991 and 1996 constant prices, are available.
3. Unit of measurement is millions of N.T. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY62 **Net Factor Income From the Rest of the World**

DATA TYPE: Numeric LENGTH: 7 DECIMALS: 0 MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
2. It includes net compensation of employees and net property and entrepreneurial income from the rest of the world.
3. Values at current prices, 1991 and 1996 constant prices, are available.
4. Unit of measurement is millions of N.T. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY63 **Gross National Product**

DATA TYPE: Numeric LENGTH: 7 DECIMALS: 0 MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
2. It is the sum of GDP and net factor income from the rest of the world.
3. Values at current prices, 1991 and 1996 constant prices, are available.
4. Unit of measurement is millions of N.T. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY64   Consumption of Fixed Capital

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 0   MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
2. Values at current prices, 1991 and 1996 constant prices, are available.
3. Unit of measurement is millions of N.T. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY65   Net National Product at Market Prices

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 0   MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
2. It represents GNP minus consumption of fixed capital.
3. Values at current prices, 1991 and 1996 constant prices, are available.
4. Unit of measurement is millions of N.T. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY66   Net Indirect Taxes

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 0   MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
2. It represents total indirect taxes minus subsidies.
3. Values at current prices, 1991 and 1996 constant prices, are available.
4. Unit of measurement is millions of N.T. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY67   Net National Product at Factor Cost

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 0   MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
2. It represents net national product at market prices minus net indirect taxes.
3. Values at current prices, 1991 and 1996 constant prices, are available.
4. Unit of measurement is millions of N.T. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY68   Gain(Loss) Resulting from Changes in the Terms of Trade

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 0   MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
2. Values at current prices, 1991 and 1996 constant prices, are available.
3. Unit of measurement is millions of N.T. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY69   **National Income at Factor Cost**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 0   MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                 2. It represents net national product at factor cost plus gain or loss resulting from changes in the terms of trade.
                 3. Values at current prices, 1991 and 1996 constant prices, are available.
                 4. Unit of measurement is millions of N.T. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY70   **Compensation of Employees**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 0   MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                 2. Values are at current prices.
                 3. Unit of measurement is millions of N.T. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY71   **Operating Surplus**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 0   MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                 2. Values are at current prices.
                 3. Unit of measurement is millions of N.T. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY72   **Domestic Factor Income**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 0   MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                 2. It represents compensation of employees plus operating surplus.
                 3. Values at current prices, 1991 and 1996 constant prices, are available.
                 4. Unit of measurement is millions of N.T. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY73   **Indirect Taxes**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 0   MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
                 2. Values are at current prices.
                 3. Unit of measurement is millions of N.T. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY74 **Subsidies**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 0   MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
2. Values are at current prices.
3. Unit of measurement is millions of N.T. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY75 **Government Final Consumption Expenditure**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 0   MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
2. Values at current prices, 1991 and 1996 constant prices, are available.
3. Unit of measurement is millions of N.T. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY76 **Private Final Consumption Expenditure**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 0   MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
2. Values at current prices, 1991 and 1996 constant prices, are available.
3. Unit of measurement is millions of N.T. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY77 **Increase in Stocks**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 0   MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
2. Values at current prices, 1991 and 1996 constant prices, are available.
3. Unit of measurement is millions of N.T. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY78 **Gross Fixed Capital Formation**

DATA TYPE: Numeric   LENGTH: 7   DECIMALS: 0   MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
2. Values at current prices, 1991 and 1996 constant prices, are available.
3. Unit of measurement is millions of N.T. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY79 **Exports of Goods and Services**

DATA TYPE: Numeric LENGTH: 7 DECIMALS: 0 MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
2. Values at current prices, 1991 and 1996 constant prices, are available.
3. Unit of measurement is millions of N.T. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY80 **Imports of Goods and Services**

DATA TYPE: Numeric LENGTH: 7 DECIMALS: 0 MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
2. Values at current prices, 1991 and 1996 constant prices, are available.
3. Unit of measurement is millions of N.T. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY81 **Other Current Transfers from the Rest of the World**

DATA TYPE: Numeric LENGTH: 7 DECIMALS: 0 MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
2. Values are at current prices.
3. Unit of measurement is millions of N.T. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY82 **Savings**

DATA TYPE: Numeric LENGTH: 7 DECIMALS: 0 MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
2. Values are at current prices.
3. Unit of measurement is millions of N.T. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY83 **National Disposable Income-Nominal**

DATA TYPE: Numeric LENGTH: 7 DECIMALS: 0 MISSING VALUE: -999999

DESCRIPTION: 1. Item is only applicable to Taiwan database.
2. Values are at current prices.
3. Unit of measurement is millions of N.T. Dollars.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY91 Total Population

DATA TYPE: Numeric LENGTH: 7 DECIMALS: 0 MISSING VALUE: -999999

DESCRIPTION:
1. Item is only applicable to Taiwan database.
2. Value represents the average of the year.
3. Figures are non-seasonally adjusted.
4. Unit of measurement is thousands of persons.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY92 Total Labor Force

DATA TYPE: Numeric LENGTH: 7 DECIMALS: 0 MISSING VALUE: -999999

DESCRIPTION:
1. Item is only applicable to Taiwan database.
2. Labor force is defined as population aged 15 or over who are able to work.
3. Value represents the average of the year.
4. Both unadjusted and seasonally adjusted figures are available.
5. Unit of measurement is thousands of persons.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY93 Labor Force Employed

DATA TYPE: Numeric LENGTH: 7 DECIMALS: 0 MISSING VALUE: -999999

DESCRIPTION:
1. Item is only applicable to Taiwan database.
2. Value represents the average of the year.
3. Both unadjusted and seasonally adjusted figures are available.
4. Unit of measurement is thousands of persons.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

TWY94 Unemployment Rate

DATA TYPE: Numeric LENGTH: 7 DECIMALS: 2 MISSING VALUE: -9999

DESCRIPTION:
1. Item is only applicable to Taiwan database.
2. Value represents the average of the year.
3. Figures are seasonally adjusted.
4. Unit of measurement is percent per annum.

FOUND IN: Key Economic Statistics File - Yearly (Taiwan)

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DATA ACCESS

DATA TAPE LAYOUT

Every country's database contains the following 13 (or 14) files:

Hong Kong
Indonesia
Japan
Malaysia
Singapore
Taiwan
Thailand   **Korea**

File No	File No	File Name
0001	0001	Company File
0002	0002	Daily Exchange Rate File
0003	0003	Key Economic Statistics File - Monthly
0004	0004	Key Economic Statistics File - Quarterly (for Japan) or Yearly (for all other countries)
0005	0005	Calendar File
0006	0006	Financial Statements File - Industrial Companies
0007		Financial Statements File - Financial Companies
0008	0007	Capital Distributions File
0009	0008	Monthly Market Returns File
0010	0009	Monthly Indices File
0011	0010	Daily Market Returns File
0012	0011	Daily Indices File
0013	0012	Monthly Stock Price and Returns File
0014	0013	Daily Stock Price and Returns File

For all countries except Japan and Korea, all files are stored on one tape in the sequence of the file numbers. For Japan, the first 12 files are stored on one tape while the Daily Stock Price and Returns File is divided and stored on five tapes. For Korea, the first 12 files together with Part 1 of the Daily Stock Price & Returns File are stored on the first tape while Part 2 of the Daily Stock Price & Returns File is stored on the second tape.
For Japan, the arrangement of data on tapes is described on page 3.JA.1.
For Korea, the arrangement of data on tapes is described on page 3.KS.1.

TAPE CHARACTERISTICS

Tables containing the tape characteristics of each country are shown on the following pages:

DATA RETRIEVAL

This chapter contains 14 sample FORTRAN/SAS programs. Each program reads and prints the contents of one PACAP file. The programs that are standard for all countries are shown at the beginning of the chapter. The programs that are applicable only to specific countries are shown at the end of the chapter following the page containing the tape characteristics of each country.

FORTRAN Retrieval Program 1
(For Company File of all countries except Hong Kong)
For Hong Kong, see section for Hong Kong at the end of this chapter.
For Singapore, see section for Singapore at the end of this chapter

```
C  ** PROGRAM NAME: STDCOMP
C  ** FILE       : COMPANY FILE
C  ** READS FILE; PRINTS THE FILE AS 3 SEPARATE OUTPUTS

      CHARACTER COID*6,CONAME*50,INDNME*50,STATCO*1,CRID*6,COMMNT*100
      CHARACTER STKTYP*1,PICCUR*3,PARCUR*3
      INTEGER CUNTRY,INDID,DTESTB,DTLIST,DTAVAL,PICAP,SECTID,DTSTAT
      INTEGER CHOICE,COUNT,I
      REAL    PARVAL

      COUNT = 0
      DO 10 I = 1,10000000
        READ(1,101,END=950)CUNTRY,COID,CONAME,STKTYP,INDID,INDNME,
     1    DTESTB,DTLIST,DTAVAL,PICCUR,PICAP,PARCUR,PARVAL,SECTID,STATCO,
     2    CRID,DTSTAT,COMMNT
        WRITE(2,102)CUNTRY,COID,STKTYP,CONAME,INDID,INDNME,STATCO
        WRITE(3,103)CUNTRY,COID,STKTYP,CONAME,DTESTB,DTLIST,DTAVAL,
     1    PICCUR,PICAP,PARCUR,PARVAL,SECTID
        WRITE(4,104)CUNTRY,COID,STKTYP,STATCO,CRID,DTSTAT,COMMNT
        COUNT = COUNT + 1

   10 CONTINUE
  950 WRITE(2,105)COUNT
  101 FORMAT(I2,A6,A50,A1,I4,A50,3I8,A3,I10,A3,F8.2,I1,A1,A6,I8,A100)
  102 FORMAT(I2,1X,A6,1X,A1,1X,A50,1X,I4,1X,A50,1X,A1)
  103 FORMAT(I2,1X,A6,1X,A1,1X,A50,1X,3(I8,1X),A3,1X,I10,1X,A3,1X,
     1  F9.2,1X,I1)
  104 FORMAT(I2,1X,A6,1X,A1,1X,A1,1X,A6,1X,I8,1X,A100)
  105 FORMAT('# OF COMPANIES  ',I10)
      END
```

FORTRAN Retrieval Program 2
(For Daily Exchange Rate File of all countries)

```
C  ** PROGRAM NAME: STDEXC
C  ** FILE        : DAILY EXCHANGE RATE FILE
C  ** READS FILE; PRINTS ENTIRE FILE

      INTEGER CUNTRY,DTCAL,WKDAY
      REAL XRATE

      WRITE(2,103)
      DO 10 I = 1,100000
        READ(1,101,END=950) CUNTRY,DTTRD,WKDAY,XRATE
        WRITE(2,102) CUNTRY,DTTRD,WKDAY,XRATE

   10 CONTINUE
  950 STOP
  101 FORMAT(I2,I8,I1,F9.4)
  102 FORMAT(5X,I2,1X,I8,2X,I1,2X,F10.4)
  103 FORMAT(5X,'DAILY EXCHANGE RATE FILE  '//
     1 'COUNTRY   DATE  DAY  RATE  '/)
      END
```

FORTRAN Retrieval Program 3
(For Key Economic Statistics File - Monthly)

The structure of this file differs by country. Different sample retrieval programs are provided for individual country according to the specific file structure. *See sections for specific countries at the end of this chapter.*

FORTRAN Retrieval Program 4
(For Key Economic Statistics File - Quarterly/Yearly)

The structure of this file differs by country. Different sample retrieval programs are provided for individual country according to the specific file structure. *See sections for specific countries at the end of this chapter.*

FORTRAN Retrieval Program 5
(For Calendar File of all countries)

```
C  ** PROGRAM NAME: STDCAL
C  ** FILE        : CALENDAR FILE
C  ** READS FILE; PRINTS ENTIRE FILE TO DISK

      CHARACTER STATSE*1
      INTEGER CUNTRY,DTCAL,WKDAY

      WRITE(2,103)
      DO 10 I = 1,100000
        READ(1,101,END=950) CUNTRY,DTCAL,WKDAY,STATSE
        WRITE(2,102) CUNTRY,DTCAL,WKDAY,STATSE

   10 CONTINUE
  950 STOP
  101 FORMAT(I2,I8,I1,A1)
  102 FORMAT(5X,I2,1X,I8,2X,I1,2X,A1)
  103 FORMAT(5X,'CALENDAR FILE   '//
     1 'COUNTRY   DATE  DAY  STATUS'/)
      END
```

FORTRAN Retrieval Program 6
(For Financial Statements File - Industrial Companies)

The structure of this file differs by country. Different sample retrieval programs are provided for individual country according to the specific file structure. *See sections for specific countries at the end of this chapter.*

FORTRAN Retrieval Program 7
(For Financial Statements File - Financial Companies)

This file is not available for Korea. For other countries, different sample retrieval programs are provided for individual country according to the specific file structure. *See sections for specific countries at the end of this chapter.*

FORTRAN Retrieval Program 8
(For Capital Distributions File of all countries except Hong Kong)
For Hong Kong, see section for Hong Kong at the end of this chapter.

```
C  ** PROGRAM NAME: STDDIST
C  ** FILE         : CAPITAL DISTRIBUTION FILE
C  ** READS FILE; PRINTS ENTIRE FILE

      CHARACTER COID*6,DISTYP*2
      INTEGER CUNTRY,STKTYP,DTANNO,DTEXDI,DTPAY,COUNT
      REAL AMOUNT,SUBPRC

      WRITE(2,104)
      COUNT = 0
      DO 10 I = 1,10000000
        READ(1,101,END=950)CUNTRY,COID,STKTYP,DISTYP,DTANNO,
     1    DTEXDI,DTPAY,AMOUNT,SUBPRC
        WRITE(2,102) CUNTRY,COID,STKTYP,DISTYP,DTANNO,DTEXDI,DTPAY,
     1    AMOUNT,SUBPRC
        COUNT = COUNT + 1

  10 CONTINUE
 950 WRITE(2,103) COUNT
 101 FORMAT(I2,A6,I1,A2,3I8,F12.6,F8.2)
 102 FORMAT(I2,1X,A6,1X,I1,1X,A2,1X,3(I8,1X),F13.6,F9.2)
 103 FORMAT('# OF RECORDS IN CAPITAL DISTRIBUTION FILE  ', I7)
 104 FORMAT('CAPITAL DISTRIBUTION FILE  '/)
      END
```

FORTRAN Retrieval Program 9
(For Monthly Market Returns File of all countries)

```
C  ** PROGRAM NAME: STDMMR
C  ** FILE         : MONTHLY MARKET RETURNS FILE
C  ** READ FILE; PRINTS ENTIRE FILE

      INTEGER CUNTRY,MONTH,CNTDAY,CNTCO,MKTCAP,COUNT,I
      REAL*16 TRDVOL,TRDVAL,MERMWD,MERMND,MVRMWD,MVRMND

      WRITE(2,103)
      COUNT = 0
      DO 10 I = 1,10000000
        READ(1,101,END=950) CUNTRY,MONTH,CNTDAY,TRDVOL,TRDVAL,MERMWD,
     1    MERMND,MVRMWD,MVRMND,CNTCO,MKTCAP
        WRITE(2,102) CUNTRY,MONTH,CNTDAY,TRDVOL,TRDVAL,MERMWD,MERMND,
     1    MVRMWD,MVRMND,CNTCO,MKTCAP
        COUNT = COUNT + 1

  10 CONTINUE
 950 WRITE(2,104) COUNT
 101 FORMAT(I2,I6,I2,2F10.0,4F10.6,I4,I10)
 102 FORMAT(5X,I2,1X,I6,2X,I2,1X,2F12.1,4F11.6,2X,I4,1X,I10)
 103 FORMAT(5X,'MONTHLY MARKET RETURNS  '//
     1 'COUNTRY  DATE  #DAYS    TRDVOL      TRDVAL      MERMWD',
     2 'MERMND    MVRMWD    MVRMND    #COMP  MKTCAP'/)
 104 FORMAT('# OF RECORDS IN MONTHLY MARKET RETURNS FILE ',I6)
      END
```

FORTRAN Retrieval Program 10
(For Monthly Indices File of all countries)

```
C  ** PROGRAM NAME: STDMIF
C  ** FILE        : MONTHLY INDICES FILE
C  ** READS FILE; PRINTS ENTIRE FILE

      CHARACTER IDXNME*50
      INTEGER CUNTRY,IDXID,MONTH,FSTDAY,HIDAY,LODAY,LSTDAY,COUNT
      REAL FSTVAL,HIVAL,LOVAL,LSTVAL

      COUNT = 0
      DO 10 I = 1,10000
        READ(1,101,END=950)CUNTRY,IDXID,MONTH,IDXNME,FSTVAL,FSTDAY,
     1    HIVAL,HIDAY,LOVAL,LODAY,LSTVAL,LSTDAY
        WRITE(2,102)CUNTRY,IDXID,MONTH,IDXNME,FSTVAL,FSTDAY,HIVAL,HIDAY,
     1    LOVAL,LODAY,LSTVAL,LSTDAY
        COUNT = COUNT + 1

   10 CONTINUE
  950 WRITE(2,103) COUNT
  101 FORMAT(I2,I4,I6,A50,4(F7.2,I2))
  102 FORMAT(I2,1X,I4,1X,I6,1X,A50,4(1X,F8.2,1X,I2))
  103 FORMAT('# OF RECORDS IN MONTHLY INDICES FILE  ',I8)
      END
```

FORTRAN Retrieval Program 11
(For Daily Market Returns File of all countries)

```
C  ** PROGRAM NAME: STDDMR
C  ** FILE        : DAILY MARKET RETURNS FILE
C  ** READS FILE; PRINTS ENTIRE FILE

      INTEGER CUNTRY,DTTRD,WKDAY,CNTCO,COUNT,I
      REAL*16 TRDVOL,TRDVAL,DERMND,DERMWD,DVRMWD,DVRMND

      WRITE(2,104)
      COUNT = 0
      DO 10 I = 1,10000000
        READ(1,101,END=950)CUNTRY,DTTRD,WKDAY,TRDVOL,TRDVAL,DERMWD,
     1    DERMND,DVRMWD,DVRMND,CNTCO
        WRITE(2,102)CUNTRY,DTTRD,WKDAY,TRDVOL,TRDVAL,DERMWD,DERMND,
     1    DVRMWD,DVRMND,CNTCO
        COUNT = COUNT + 1

   10 CONTINUE
  950 WRITE(2,103) COUNT
  101 FORMAT(I2,I8,I1,2F10.0,4F10.6,I4)
  102 FORMAT(I2,1X,I8,1X,I1,2F12.1,4F12.6,1X,I4)
  103 FORMAT('NUMBER OF RECORDS IN DMR FILE ',I10)
  104 FORMAT('DAILY MARKET RETURNS FILE  '/)
      END
```

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FORTRAN Retrieval Program 12
(For Daily Indices File of all countries)

```
C  ** PROGRAM NAME: STDDIF
C  ** FILE        : DAILY INDICES FILE
C  ** READS FILE; PRINTS ENTIRE FILE

      INTEGER CUNTRY,IDXID,DTTRD,WKDAY,COUNT
      REAL IDXVAL

      COUNT = 0
      DO 10 I = 1,1000000
        READ(1,101,END=950) CUNTRY,IDXID,DTTRD,WKDAY,IDXVAL
          WRITE(2,102) CUNTRY,IDXID,DTTRD,WKDAY,IDXVAL
        COUNT = COUNT + 1

   10 CONTINUE
  950 WRITE(2,103) COUNT
  100 FORMAT(10X,'DAILY INDICES FILE  '/)
  101 FORMAT(I2,I4,I8,I1,F7.2)
  102 FORMAT(I2,1X,I4,1X,I8,1X,I1,1X,F8.2)
  103 FORMAT('TOTAL RECORDS ON FILE ',I7)
      END
```

FORTRAN Retrieval Program 13
(For Monthly Stock Price and Returns File of Taiwan and Thailand)
For Hong Kong, Japan, Korea, Malaysia and Singapore see sections for the specific countries at the end of this chapter.

```
C  ** PROGRAM NAME: STDMRF
C  ** FILE        : MONTHLY RETURNS FILE
C  ** READS FILE; PRINTS ENTIRE FILE

      CHARACTER*6 COID
      INTEGER CUNTRY,STKTYP,MONTH,SECTID,INDID,OPNDAY,CLSDAY,TRDVOL
      INTEGER TRDVAL,SHROUT,CNTTRD,MKTVAL,MV,COUNT,I
      REAL MRETWD,MRETND,OPNPRC,CLSPRC,MADJCD,MADJLD

      COUNT = 0
      DO 10 I = 1,10000000
        READ(1,101,END=950) CUNTRY,COID,STKTYP,MONTH,SECTID,INDID,
     1 OPNPRC,OPNDAY,CLSPRC,CLSDAY,TRDVOL,TRDVAL,SHROUT,MKTVAL,
     2 CNTTRD,MRETWD,MRETND,MADJCD,MADJLD
        COUNT = COUNT + 1
        WRITE(2,102) CUNTRY,COID,STKTYP,MONTH,SECTID,INDID,
     1     OPNPRC,OPNDAY,CLSPRC,CLSDAY,TRDVOL,TRDVAL,SHROUT,MKTVAL,
     2     CNTTRD,MRETWD,MRETND,MADJCD,MADJLD

   10 CONTINUE
  950 WRITE(2,103)COUNT
  101 FORMAT(I2,A6,I1,I6,I1,I4,2(F8.2,I2),I10,I10,I8,I10,I2,4F10.6)
  102 FORMAT(I2,1X,A6,1X,I1,1X,I6,1X,I1,1X,I4,1X,2(F9.2,1X,I2,1X),I10,
     1 1X,I10,1X,I10,1X,I10,1X,I2,4F12.6)
  103 FORMAT('# OF RECORDS IN MRF FILE  ',I10)
      END
```

FORTRAN Retrieval Program 14
(For Daily Stock Price and Returns File of Taiwan and Thailand)
For Hong Kong, Japan, Korea, Malaysia and Singapore, see sections for the specific countries at the end of this chapter.

```
C  ** PROGRAM NAME: STDDRF
C  ** FILE        : DAILY RETURNS FILE
C  ** READS FILE; PRINTS FIRST 1000 RECORDS

      CHARACTER COID*6
      INTEGER CUNTRY,STKTYP,DTTRD,SECTID,WKDAY,TRDVOL,TRDVAL,COUNT
      INTEGER INDID
      REAL OPNPRC,HIPRC,LOPRC,CLSPRC,DRETWD,DRETND,ACCADJ

      COUNT = 0
      DO 10 I = 1,1000000
        READ(1,101,END=950)CUNTRY,COID,STKTYP,DTTRD,SECTID,WKDAY,
     1      INDID,OPNPRC,HIPRC,LOPRC,CLSPRC,TRDVOL,TRDVAL,DRETWD,DRETND,ACCADJ
C  OUTPUTTING THE FIRST 1000 RECORDS ON FILE
        IF(COUNT .LT. 1000) THEN
          WRITE(2,102)CUNTRY,COID,STKTYP,DTTRD,SECTID,WKDAY,INDID,
     1      OPNPRC,HIPRC,LOPRC,CLSPRC,TRDVOL,TRDVAL,DRETWD,DRETND,ACCADJ
        END IF
C  COUNT IS OF ALL RECORDS ON THE FILE
        COUNT = COUNT + 1

   10 CONTINUE
  950 WRITE(2,103) COUNT
  101 FORMAT(I2,A6,I1,I8,2I1,I4,4F8.2,I10,I8,3F10.6)
  102 FORMAT(1X,I2,1X,A6,1X,I1,1X,I8,1X,2(I1,1X),I4,1X,4(F9.2,1X),
     1        I11,1X,I9,1X,3(F12.6,1X))
  103 FORMAT(1X,'TOTAL # OF RECORDS IN DRF FILE  ', I10)
      END
```

SAS Retrieval Program 1
(For Company File of all countries except Hong Kong)
For Hong Kong and Singapore, see section for Hong Kong at the end of this chapter.

```
CMS FILEDEF COMPANY TAP1 NL 1 (RECFM FB LRECL 277 BLKSIZE 2770;
/*  PROGRAM NAME: SASCOMP SAS    */
/*  FILE         : COMPANY (1)    */

DATA;
INFILE COMPANY;
INPUT CUNTRY    1-2
      COID   $  3-8
      CONAME $  9-58
      STKTYP $  59
      INDID     60-63
      INDNME $ 64-113
      DTEST  $114-121
      DTLIST $122-129
      DTAVAL $130-137
      PICCUR $138-140
      PICAP   141-150
      PARCUR $151-153
      PARVAL  154-161 2
      SECTID $162
      STATCO $163
      CRID   $164-169
      DTSTAT $170-177
      COMMNT $178-277;

FORMAT PARVAL 9.2;
PROC PRINT; VAR CUNTRY COID STKTYP CONAME INDID INDNME STATCO;
PROC PRINT; VAR COID STKTYP DTEST DTLIST DTAVAL PICCUR
                PICAP PARCUR PARVAL SECTID STATCO CRID DTSTAT;
PROC PRINT; VAR COID COMMNT;
RUN;
```

SAS Retrieval Program 2
(For Daily Exchange Rate File of all countries)

```
CMS FILEDEF EXCHANGE TAP1 NL 2 (RECFM FB LRECL 20 BLKSIZE 2000;
/*  PROGRAM NAME: SASEXC SAS              */
/*  FILE         : DAILY EXCHANGE RATE    */

DATA;
INFILE EXCHANGE;
INPUT CUNTRY    1-2
      DTTRD     3-10
      WKDAY     11
      XRATE     12-20 4;

PROC PRINT; VAR CUNTRY DTTRD WKDAY XRATE;
FORMAT XRATE 10.4;
RUN;
```

SAS Retrieval Program 3
(For Key Economic Statistics File - Monthly)

The structure of this file differs by country. Different sample retrieval programs are provided for individual country according to the specific file structure. *See sections for specific countries at the end of this chapter.*

SAS Retrieval Program 4
(For Key Economic Statistics File - Quarterly/Yearly)

The structure of this file differs by country. Different sample retrieval programs are provided for individual country according to the specific file structure. *See sections for specific countries at the end of this chapter.*

SAS Retrieval Program 5
(For Calendar File of all countries)

```
CMS FILEDEF CALENDAR TAP1 NL 5 (RECFM FB LRECL 12 BLKSIZE 1200;
/*  PROGRAM NAME: SASCAL SAS    */
/*  FILE        : CALENDAR      */

DATA;
INFILE CALENDAR;
INPUT CUNTRY    1-2
      DTCAL     3-10
      WKDAY    11
      STATSE $ 12      ;

PROC PRINT; VAR CUNTRY DTCAL WKDAY STATSE;
RUN;
```

SAS Retrieval Program 6
(For Financial Statements File - Industrial Companies)

The structure of this file differs by country. Different sample retrieval programs are provided for individual country according to the specific file structure. *See sections for specific countries at the end of this chapter.*

SAS Retrieval Program 7
(For Financial Statements File - Financial Companies)

This file is not available for Korea. For other countries, different sample retrieval programs are provided for individual country according to the specific file structure. *See sections for specific countries at the end of this chapter.*

SAS Retrieval Program 8
(For Capital Distributions File of all countries except Hong Kong)
For Hong Kong, see section for Hong Kong at the end of this chapter.
For Korea, the file number is 7.

```
CMS FILEDEF CPTLDIST TAP1 NL 8 (RECFM FB LRECL 55 BLKSIZE 5500;
 /*                                              */
 /*  PROGRAM NAME: SASDIST SAS               */
 /*  FILE        : CAPITAL DISTRIBUTION      */

DATA;
INFILE CPTLDIST;
INPUT  CUNTRY    1-2
       COID  $  3-8
       STKTYP    9
       DISTYP $ 10-11
       DTANNO   12-19
       DTEXDI   20-27
       DTPAY    28-35
       AMOUNT   36-47 6
       SUBPRC   48-55 2 ;

PROC PRINT; VAR CUNTRY COID STKTYP DISTYP DTANNO
               DTEXDI DTPAY AMOUNT SUBPRC;
FORMAT AMOUNT 13.6 SUBPRC 9.2;
RUN;
```

SAS Retrieval Program 9
(For Monthly Market Returns File of all countries)
For Korea, the file number is 8.

```
CMS FILEDEF MMR TAP1 NL 9 (RECFM FB LRECL 64 BLKSIZE 6400;
 /*                                              */
 /*  PROGRAM NAME: SASMMR SAS                */
 /*  FILE        : MONTHLY MARKET RETURNS    */

DATA;
INFILE MMR;
INPUT CUNTRY    1-2
      MONTH     3-8
      CNTDAY    9-10
      TRDVOL   11-20
      TRDVAL   21-30
      MERMWD   31-40 6
      MERMND   41-50 6
      MVRMWD   51-60 6
      MVRMND   61-70 6
      CNTCO    71-74
      MKTCAP   75-84  ;

PROC PRINT; VAR CUNTRY MONTH CNTDAY TRDVOL TRDVAL MERMWD MERMND MVRMWD
                 MVRMND CNTCO MKTCAP;
FORMAT MERMWD MERMND MVRMWD MVRMND 11.6;
RUN;
```

SAS Retrieval Program 10
(For Monthly Indices File of all countries)
For Korea, the file number is 9.

```
CMS FILEDEF MNTHINDX TAP1 NL 10 (RECFM FB LRECL 98 BLKSIZE 9800;

/*  PROGRAM NAME: SASMIF SAS          */
/*  FILE        : MONTHLY INDICES     */

DATA;
INFILE MNTHINDX;
INPUT  CUNTRY    1-2
       IDXID     3-6
       MONTH     7-12
       IDXNME $ 13-62
       FSTVAL   63-69 2
       FSTDAY   70-71
       HIVAL    72-78 2
       HIDAY    79-80
       LOVAL    81-87 2
       LODAY    88-89
       LSTVAL   90-96 2
       LSTDAY   97-98;

PROC PRINT; VAR CUNTRY IDXID MONTH IDXNME FSTVAL FSTDAY
                HIVAL HIDAY LOVAL LODAY LSTVAL LSTDAY;
FORMAT FSTVAL HIVAL LOVAL LSTVAL 8.2;
RUN;
```

SAS Retrieval Program 11
(For Daily Market Returns File of all countries)
For Korea, the file number is 10.

```
CMS FILEDEF DALYMKRT TAP1 NL 11 (RECFM FB LRECL 75 BLKSIZE 7500;
/*  PROGRAM NAME: SASDMR SAS          */
/*  FILE        : DAILY MARKET RETURNS    */

DATA;
INFILE DALYMKRT;
INPUT  CUNTRY   1-2
       DTTRD    3-10
       WKDAY    11
       TRDVOL   12-21
       TRDVAL   22-31
       DERMWD   32-41 6
       DERMND   42-51 6
       DVRMWD   52-61 6
       DVRMND   62-71 6
       CNTCO    72-75  ;

PROC PRINT; VAR CUNTRY DTTRD WKDAY TRDVOL TRDVAL DERMWD DERMND
                DVRMWD DVRMND CNTCO;
FORMAT DERMWD DERMND DVRMWD DVRMND 11.6;
RUN;
```

SAS Retrieval Program 12
(For Daily Indices File of all countries)
For Korea, the file number is 11.

```
CMS FILEDEF DALYINDX TAP1 NL 12 (RECFM FB LRECL 22 BLKSIZE 2200;
/*  PROGRAM NAME: SASDIF SAS            */
/*  FILE         : DAILY INDICES        */

DATA;
INFILE DALYINDX;
INPUT   CUNTRY   1-2
        IDXID    3-6
        DTTRD    7-14
        WKDAY    15
        IDXVAL   16-22 2;

PROC PRINT; VAR CUNTRY IDXID DTTRD WKDAY IDXVAL;
FORMAT IDXVAL 8.2;
RUN;
```

SAS Retrieval Program 13
(For Monthly Stock Price & Returns File of Taiwan and Thailand)
For Hong Kong, Japan, Korea, Malaysia and Singapore, see sections for specific countries at the end of this chapter.

```
CMS FILEDEF MNTHRTN TAP1 NL 13 (RECFM FB LRECL 120 BLKSIZE 12000;
/*  PROGRAM NAME: SASMRF SAS                      */
/*  FILE         : MONTHLY STOCK PRICE & RETURNS   */

DATA;
INFILE MNTHRTN;
INPUT   CUNTRY    1-2
        COID  $  3-8
        STKTYP    9
        MONTH     10-15
        SECTID    16
        INDID     17-20
        OPNPRC    21-28  2
        OPNDAY    29-30
        CLSPRC    31-38  2
        CLSDAY    39-40
        TRDVOL    41-50
        TRDVAL    51-60
        SHROUT    61-68
        MKTVAL    69-78
        CNTTRD    79-80
        MRETWD    81-90  6
        MRETND    91-100 6
        MADJCD    101-110 6
        MADJLD    111-120 6;

PROC PRINT; VAR CUNTRY COID STKTYP MONTH OPNPRC OPNDAY CLSPRC CLSDAY TRDVOL
                TRDVAL SHROUT MKTVAL CNTTRD MRETWD MRETND MADJCD MADJLD;
FORMAT OPNPRC CLSPRC 9.2 MRETWD MRETND MADJCD MADJLD 11.6;
RUN;
```

SAS Retrieval Program 14
(For Daily Stock Price & Returns File of Taiwan and Thailand)
For Hong Kong, Japan, Korea, Malaysia and Singapore, see sections for specific countries at the end of this chapter.

```
CMS FILEDEF DALYRTN TAP1 NL 14 (RECFM FB LRECL 103 BLKSIZE 10300;
/*  PROGRAM NAME: SASDRF SAS                     */
/*  FILE         : DAILY STOCK PRICE & RETURNS    */

DATA;
INFILE DALYRTN;
INPUT   CUNTRY   1-2
        COID  $  3-8
        STKTYP   9
        DTTRD    10-17
        SECTID   18
        WKDAY    19
        INDID    20-23
        OPNPRC   24-31 2
        HIPRC    32-39 2
        LOPRC    40-47 2
        CLSPRC   48-55 2
        TRDVOL   56-65
        TRDVAL   66-73
        DRETWD   74-83  6
        DRETND   84-93  6
        ACCADJ   94-103 6;

PROC PRINT; VAR CUNTRY COID STKTYP DTTRD SECTID WKDAY INDID OPNPRC HIPRC
                LOPRC CLSPRC TRDVOL TRDVAL DRETWD DRETND ACCADJ;
FORMAT OPNPRC HIPRC LOPRC CLSPRC 9.2 DRETWD DRETND ACCADJ 11.6;
RUN;
```

TAPE CHARACTERISTICS - TAIWAN

Format: Unlabeled
Density: 6250 BPI (Standard Round Reel)
               38000 BPI (Tape Cartridge)

Code: EBCDIC

File Number	File Name	Block Size	Record Size	Blocking Factor
0001	COMPANY	2,770	327	10
0002	EXCHANGE	2,000	20	100
0003	MNTHECON	3,230	379	10
0004	YEARECON	5,170	685	10
0005	CALENDAR	1,200	12	100
0006	FINSTMT	11,710	1171	10
0007	FINBANK	11,490	1149	10
0008	CPTLDIST	5,500	55	100
0009	MNTHMRKT	8,400	84	100
0010	MNTHINDX	9,800	98	100
0011	DALYMRKT	7,500	75	100
0012	DALYINDX	2,200	22	100
0013	MNTHRTN	12,000	120	100
0014	DALYRTN	10,300	103	100

FORTRAN Retrieval Program 3 - TW
(For Key Economic Statistics File - Monthly, Taiwan)

```
C  ** PROGRAM NAME: STDTWEM
C  ** FILE        : MONTHLY ECONOMIC STATISTICS
C  ** READS FILE; PRINT ECONOMIC STATISTICS IN 5 PARTS

      INTEGER CUNTRY,MONTH,TWM41A,TWM41B,TWM42A,TWM42B,TWM43A
      INTEGER TWM43B,TWM44A,TWM44B,TWM46,TWM47A,TWM47B,TWM48
      INTEGER TWM49,TWM51,TWM71,COUNT,I,K
      REAL    TWM1(10),TWM21(10)
      REAL    TWM61A1,TWM61A2,TWM61B1,TWM61B2,TWM62A1,TWM62A2,TWM62B1,
      REAL    TWM62B2,TWM63A1,TWM63A2,TWM63B1,TWM63B2,TWM64A1,TWM64A2,
      REAL    TWM64A1,TWM64A2,TWM64B1,TWM64B2
      REAL    TWM64B

      COUNT  = 0
      WRITE(2,100)
      DO 10 K = 1,10000000
        READ(1,101,END=950)CUNTRY,MONTH,(TWM1(I),I=1,10),
     1    (TWM21(I),I=1,10),TWM41A,TWM41B,TWM42A,TWM42B,TWM43A,TWM43B,
     2    TWM44A,TWM44B,TWM46,TWM47A,TWM47B,TWM48,TWM49,TWM51,TWM61A1,
     3    TWM61A2,TWM61B1,TWM61B2,TWM62A1,TWM62A2,TWM62B1,TWM62B2,
     4    TWM63A1,TWM63A2,TWM63B1,TWM63B2,TWM64A1,TWM64A2,TWM64B1,
     5                                            TWM64B2,TWM71

        WRITE(2,111) CUNTRY,MONTH,(TWM1(I),I=1,10)
        WRITE(3,121) CUNTRY,MONTH,(TWM21(I),I=1,10)
        WRITE(4,131) CUNTRY,MONTH,TWM41A,TWM41B,TWM42A,TWM42B,
     1               TWM43A,TWM43B,TWM44A,TWM44B
        WRITE(5,141) CUNTRY,MONTH,TWM46,TWM47A,TWM47B,TWM48,
     1               TWM49,TWM51
        WRITE(6,151)          CUNTRY,MONTH,TWM61A1,TWM61A2,TWM61B1,TWM61B2,
     1                  TWM62A1,TWM62A2,TWM62B1,TWM62B2,TWM63A1,TWM63A2,
     2                 TWM63B1,TWM63B2,TWM64A1,TWM64A2,TWM64B1,TWM64B2,TWM71

        COUNT = COUNT + 1

   10 CONTINUE
  950 WRITE(2,171) COUNT
  100 FORMAT(10X,'TAIWAN MONTHLY ECONOMIC STATISTICS FILE'/)
  101 FORMAT(I2,I6,20F7.4,14I8,16F7.2,I7)
  111 FORMAT(I2,2X,I6,10(2X,F8.4))
  121 FORMAT(I2,2X,I6,10(2X,F8.4))
  131 FORMAT(I2,2X,I6,8(2X,I8))
  141 FORMAT(I2,2X,I6,6(2X,I8))
  151 FORMAT(I2,2X,I6,16(2X,F8.2),2X,I7)
  171 FORMAT('# OF RECORDS IN MONTHLY ECONOMIC STATISTICS FILE ',I8)
      END
```

FORTRAN Retrieval Program 4 - TW
(For Key Economic Statistics File - Yearly, Taiwan)

```
C  ** PROGRAM NAME: STDTWEY
C  ** FILE        : YEARLY ECONOMIC STATISTICS
C  ** READS FILE; PRINT ECONOMIC STATISTICS IN 6 PARTS

      INTEGER CUNTRY,YEAR,TWY21(33)
      INTEGER TWY61A,TWY61B,TWY61,CTWY62A,TWY62B,TWY62C,TWY63A
      INTEGER TWY63B,TWY63C,TWY64A,TWY64B,TWY64C,TWY65A,TWY65B
      INTEGER TWY65C,TWY66A,TWY66B,TWY66C,TWY67A,TWY67B,TWY68A
      INTEGER TWY68B,TWY69A,TWY69B,TWY69C,TWY70,TWY71,TWY72A
      INTEGER TWY72B,TWY72C,TWY73,TWY74,TWY75A,TWY75B,TWY75C
      INTEGER TWY76A,TWY76B,TWY76C,TWY77A,TWY77B,TWY77C,TWY78A
      INTEGER TWY78B,TWY78C,TWY79A,TWY79B,TWY79C,TWY80A,TWY80B
      INTEGER TWY80C,TWY81,TWY82,TWY83,TWY91 TWY92A,TWY92B,
      INTEGER TWY93A,TWY93B,COUNT,I,K
      REAL    TWY1(30),TWY94

      COUNT  = 0
      WRITE(2,100)
      DO 10 K = 1,10000000
        READ(1,101,END=950)CUNTRY,YEAR,(TWY1(I),I=1,30),
     1    (TWY21(I),I=1,33),TWY61A,TWY61B,TWY61C,TWY62A,TWY62B,TWY62C,
     2    TWY63A,TWY63B,TWY63C,TWY64A,TWY64B,TWY64C,TWY65A,TWY65B,TWY65C,
     3    TWY66A,TWY66B,TWY66C,TWY67A,TWY67B,TWY67C,TWY68A,TWY68B,
     4    TWY68C,TWY69A,TWY69B,TWY69C,TWY70,TWY71,TWY72A,TWY72B,
     5    TWY72C,TWY73,TWY74,TWY75A,TWY75B,TWY75C,TWY76A,TWY76B,TWY76C,
     6    TWY77A,TWY77B,TWY77C,TWY78A,TWY78B,TWY78C,TWY79A,TWY79B,
     7    TWY79C,TWY80A,TWY80B,TWY80C,TWY81,TWY82,TWY83,TWY91
     8    TWY92A,TWY92B,TWY93A,TWY93B,TWY94

        WRITE(2,111) CUNTRY,YEAR,(TWY1(I),I=1,30)
        WRITE(3,121) CUNTRY,YEAR,(TWY21(I),I=1,33)
        WRITE(4,131)        CUNTRY,YEAR,TWY61A,TWY61B,TWY61C,TWY62A,TWY62B,
     1                TWY62C,TWY63A,TWY63B,TWY63C,TWY64A,TWY64B,
     2                TWY64C,TWY65A,TWY65B,TWY65C,TWY66A,TWY66B,
     3                TWY66C,TWY67A,TWY67B,TWY67C
        WRITE(5,141)        CUNTRY,YEAR,TWY68A,TWY68B,TWY68C,TWY69A,TWY69B,
     1                TWY69C,TWY70,TWY71,TWY72A,TWY72B,TWY72C,TWY73,
     2                TWY74,TWY75A,TWY75B,TWY75C,TWY76A,TWY76B,TWY76C
        WRITE(6,151)         CUNTRY,YEAR,TWY77A,TWY77B,TWY77C,TWY78A,TWY78B
     1                TWY78C,TWY79A,TWY79B,TWY79C,TWY80A,TWY80B,TWY80C,
     2                TWY81,TWY82,TWY83
        WRITE(7,161) CUNTRY,YEAR,TWY91,TWY92A,TWY92B,TWY93A,TWY93B,
     1                TWY94
      COUNT = COUNT + 1
 10 CONTINUE
950 WRITE(2,171) COUNT
100 FORMAT(10X,'TAIWAN YEARLY ECONOMIC STATISTICS FILE'/)
101 FORMAT(I2,I4,30F7.2,77I7,F7.2)
111 FORMAT(I2,2X,I4,15(2X,F8.2)/,8X,15(2X,F8.2)/)
121 FORMAT(I2,2X,I4,17(2X,I7)/,8X,16(2X,I7)/)
131 FORMAT(I2,2X,I4,10(2X,I7)/,8X,11(2X,I7)/)
141 FORMAT(I2,2X,I4,10(2X,I7)/,8X,9(2X,I7)/)
151 FORMAT(I2,2X,I4,15(2X,I7))
161 FORMAT(I2,2X,I4,5(2X,I7),2X,F8.2)
171 FORMAT('# OF RECORDS IN YEARLY ECONOMIC STATISTICS FILE ',I8)
      END
```

FORTRAN Retrieval Program 6 - TW
(For Financial Statements File - Industrial Companies, Taiwan)

```
C  ** PROGRAM NAME: STDTWFIN
C  ** FILE        : INDUSTRIAL FINANCIAL STATEMENTS (6)
C  ** READS FILE; PRINT FINANCIAL STATEMENTS FILE IN 6 PARTS

      CHARACTER COID*6,MONCOV*2,FINCUR*3
      INTEGER   CUNTRY,INDID,YEAR,FISCAL,BAL(22),INC(9),TWF(67),I,K
      INTEGER   MKT2(2),COUNT
      REAL      MKT1(4)

      COUNT = 0
      WRITE(2,100)
      DO 10 K = 1,10000000
        READ(1,101,END=950) CUNTRY,COID,INDID,YEAR,FISCAL,MONCOV,
     1    FINCUR,(BAL(I),I=1,22),(INC(I),I=1,9),(MKT1(I),I=1,4),
     2    (MKT2(I),I=1,2),(TWF(I),I=1,67)

         WRITE(2,111) COID,YEAR,(BAL(I),I=1,9)
         WRITE(3,121) COID,YEAR,(BAL(I),I=10,17)
         WRITE(4,131) COID,YEAR,(BAL(I),I=18,22)
         WRITE(5,141) COID,YEAR,(INC(I),I=1,9)
         WRITE(6,151) COID,YEAR,(MKT1(I),I=1,4),(MKT2(I),I=1,2)
         WRITE(7,161) COID,YEAR,(TWF(I),I=1,67)
        COUNT = COUNT + 1

   10 CONTINUE
  950 WRITE(2,171) COUNT
  100 FORMAT(10X,'FINANCIAL STATEMENTS - INDUSTRY COMPANY   '/)
  101 FORMAT(I2,A6,2I4,I6,A2,A3,31I11,4F11.2,69I11)
  111 FORMAT(A6,2X,I4,9(2X,I11))
  121 FORMAT(A6,2X,I4,8(2X,I11))
  131 FORMAT(A6,2X,I4,5(2X,I11))
  141 FORMAT(A6,2X,I4,9(2X,I11))
  151 FORMAT(A6,2X,I4,4(2X,F12.2),2(2X,I11))
  161 FORMAT(A6,2X,I4,67(2X,I11))
  171 FORMAT('# OF RECORDS IN FINANCIAL STATEMENT FILE  ',I8)
      END
```

FORTRAN Retrieval Program 7 - TW
(For Financial Statements File - Financial Companies, Taiwan)

```
C  ** PROGRAM NAME: STDTWFBK
C  ** FILE        : BANKING FINANCIAL STATEMENTS (7)
C  ** READS FILE; PRINT FINANCIAL STATEMENTS FILE IN 6 PARTS

      CHARACTER COID*6,MONCOV*2,FINCUR*3
      INTEGER   CUNTRY,INDID,YEAR,FISCAL,BALB(14),INCB(8),TWFB(73)
      INTEGER   MKT2(2),COUNT,I,J,K
      REAL      MKT1(4)

      COUNT = 0
      WRITE(2,100)
      DO 10 K = 1,10000000
        READ(1,101,END=950) CUNTRY,COID,INDID,YEAR,FISCAL,MONCOV,
     1    FINCUR,(BALB(I),I=1,14),(INCB(I),I=1,8),(MKT1(I),I=1,4),
     2    (MKT2(I),I=1,2),(TWFB(I),I=1,73)

        WRITE(2,111) COID,YEAR,(BALB(I),I=1,9)
        WRITE(3,121) COID,YEAR,(BALB(I),I=10,14)
        WRITE(4,131) COID,YEAR,(INCB(I),I=1,8)
        WRITE(5,141) COID,YEAR,(MKT1(I),I=1,4),(MKT2(J),J=1,2)
        WRITE(6,151) COID,YEAR,(TWFB(I),I=1,73)
      COUNT = COUNT + 1

 10 CONTINUE
950 WRITE(2,171) COUNT
100 FORMAT(10X,'FINANCIAL STATEMENTS - BANKING   '/)
101 FORMAT(I2,A6,2I4,I6,A2,A3,22I11,4F11.2,73)
111 FORMAT(A6,2X,I4,9(2X,I11))
121 FORMAT(A6,2X,I4,5(2X,I11))
131 FORMAT(A6,2X,I4,8(2X,I11))
141 FORMAT(A6,2X,I4,4(2X,F11.2),2(2X,I11))
151 FORMAT(A6,2X,I4,73(1X,I11))
171 FORMAT('# OF RECORDS IN FINANCIAL STATEMENT FILE  ',I8)
      END
```

SAS Retrieval Program 3 - TW
(For Key Economic Statistics File - Monthly, Taiwan)

```
CMS FILEDEF MNTHECON TAP1 NL 3 (RECFM FB LRECL 379 BLKSIZE 3790;
/*  PROGRAM NAME: SASTWEM SAS                 */
/*  FILE        : MONTHLY ECONOMIC STATISTICS  */

DATA;
INFILE MNTHECON;
INPUT CUNTRY 1-2
      MONTH  3-8
      (TWM1-TWM10) (7.4)
      (TWM21-TWM30) (7.4)
      (TWM41A TWM41B TWM42A TWM42B TWM43A TWM43B TWM44A
       TWM44B TWM46  TWM47A TWM47B TWM48  TWM49  TWM51 ) (8.)
      (TWM61A1  TWM61A2  TWM61B1  TWM61B2  TWM62A1  TWM62A2  TWM62B1  TWM62B2
       TWM63A1  TWM63A2  TWM63B1  TWM63B2  TWM64A1  TWM64A2  TWM64B1  TWM64B2)
        (7.2)
      TWM71 7.;

FORMAT TWM1-TWM10 TWM21-TWM30 8.4;
FORMAT  TWM61A1  TWM61A2  TWM61B1  TWM61B2  TWM62A1  TWM62A2  TWM62B1  TWM62B2
        TWM63A1 TWM63A2 TWM63B1 TWM63B2 TWM64A1 TWM64A2 TWM64B1 TWM64B2 8.2;

PROC PRINT; VAR CUNTRY MONTH TWM1-TWM10;
TITLE MONTHLY ECONOMIC STATISTICS FILE(3) - EXCHANGE RATES;

PROC PRINT; VAR CUNTRY MONTH TWM21-TWM30;
TITLE MONTHLY ECONOMIC STATISTICS FILE(3) - INTEREST RATES;

PROC PRINT; VAR CUNTRY MONTH TWM41A TWM41B TWM42A TWM42B
                TWM43A TWM43B TWM44A TWM44B;
TITLE MONTHLY ECONOMIC STATISTICS FILE(3) - MONETARY AGGREGATES;

PROC PRINT; VAR CUNTRY MONTH TWM46 TWM47A TWM47B TWM48
                TWM49 TWM51;
TITLE MONTHLY ECONOMIC STATISTICS FILE(3) - BASE MONEY & RESERVES,
CREDIT;

PROC PRINT; VAR CUNTRY MONTH TWM61A1 TWM61A2 TWM61B1 TWM61B2 TWM62A1 TWM62A2
                TWM62B1  TWM62B2  TWM63A1  TWM63A2  TWM63B1  TWM63B2  TWM64A1
                TWM64A2 TWM64B1 TWM64B2 TWM71;
TITLE MONTHLY ECONOMIC STATISTICS FILE(3) - PRICE INDEXES,
GOVERNMENT BUDGET;
RUN;
```

SAS Retrieval Program 4 - TW
(For Key Economic Statistics File - Yearly, Taiwan)

```
/*  PROGRAM NAME: SASTWEY SAS            */
/*  FILE        : YEARLY ECONOMIC STATISTICS  */

DATA;
INFILE YEARECON;
INPUT CUNTRY 1-2
      YEAR   3-6
      (TWY1A TWY1B TWY2A TWY2B TWY3A TWY3B TWY4A TWY4B TWY5A TWY5B TWY6A)
       TWY6B  TWY7A  TWY7B  TWY8A  TWY8B  TWY9A  TWY9B  TWY10A  TWY10B  TWY11A
       TWY11B TWY12A TWY12B TWY13A TWY13B TWY14A TWY14B TWY15A TWY15B) (7.2)
      (TWY21-TWY53) (7.)
      (TWY61A TWY61B TWY61C TWY62A TWY62B TWY62C TWY63A TWY63B
       TWY63C TWY64A TWY64B TWY64C TWY65A TWY65B TWY65C TWY66A
       TWY66B TWY66C TWY67A TWY67B TWY67C TWY68A TWY68B TWY68C
       TWY69A TWY69B TWY69C TWY70 TWY71 TWY72A TWY72B TWY72C
       TWY73 TWY74 TWY75A TWY75B TWY75C TWY76A TWY76B TWY76C
       TWY77A TWY77B TWY77C TWY78A TWY78B TWY78C TWY79A TWY79B
       TWY79C TWY80A TWY80B TWY80C TWY81 TWY82 TWY83 TWY91
       TWY92A TWY92B TWY93A TWY93B) (7.)
       TWY94 7.2;

FORMAT TWY1A TWY1B TWY2A TWY2B TWY3A TWY3B TWY4A TWY4B TWY5A TWY5B TWY6A
       TWY6B TWY7A TWY7B TWY8A TWY8B TWY9A TWY9B TWY10A TWY10B TWY11A
       TWY111B TWY12A TWY12B TWY13A TWY13B TWY14A TWY14B TWY15A TWY15B TWY94
       8.2;

PROC PRINT; VAR CUNTRY YEAR TWY1A TWY1B TWY2A TWY2B TWY3A TWY3B TWY4A TWY4B
                TWY5A TWY5B TWY6A TWY6B TWY7A TWY7B TWY8A TWY8B TWY9A TWY9B
                TWY10A  TWY10B  TWY11A  TWY11B  TWY12A  TWY12B  TWY13A  TWY13B
                TWY14A TWY14B TWY15A TWY15B;
TITLE YEARLY ECONOMIC STATISTICS FILE(4) - PRICE INDEXED AND DEFLATORS;

PROC PRINT; VAR CUNTRY YEAR TWY21-TWY53;
TITLE YEARLY ECONOMIC STATISTICS FILE(4) - BALANCE OF PAYMENTS;

PROC PRINT; VAR CUNTRY YEAR
                TWY61A TWY61B TWY61C TWY62A TWY62B TWY62C TWY63A TWY63B
                TWY63C TWY64A TWY64B TWY64C TWY65A TWY65B TWY65C TWY66A
                TWY66B TWY66C TWY67A TWY67B GWY67C TWY68A TWY68B TWY68C
                TWY69A TWY69B TWY69C TWY70  TWY71  TWY72A TWY72B TWY72C
                TWY73 TWY74 TWY75A TWY75B TWY75C TWY76A TWY76B TWY76C
                TWY77A TWY77B TWY77C TWY78A TWY78B TWY78C TWY79A TWY79B
                TWY79C TWY80A TWY80B TWY81  TWY82  TWY83;
TITLE YEARLY ECONOMIC STATISTICS FILE(4) - NATIONAL INCOME ACCOUNT;

PROC PRINT; VAR CUNTRY YEAR TWY91 TWY92A TWY92B TWY93A TWY93B TWY94;
TITLE YEARLY ECONOMIC STATISTICS FILE(4) - POPULATION & LABOR MARKETS;
RUN;
```

SAS Retrieval Program 6 - TW
(For Financial Statements File - Industrial Companies, Taiwan)

```
/*  PROGRAM NAME: SASTWFIN SAS            */
/*  FILE        : FINANCIAL STATEMENTS (6) */

DATA;
INFILE FINSTMT;
INPUT  CUNTRY    1-2
       COID   $  3-8
       INDID     9-12
       YEAR      13-16
       FISCAL    17-22
       MONCOV    23-24
       FINCUR $ 25-27
       (BAL1-BAL22 INC1-INC9)  (11.)
       (MKT1-MKT4)  (11.2)
       (MKT5-MKT6)  (11.)
       (TWF1-TWF67)  (11.);

PROC PRINT; VAR CUNTRY COID INDID YEAR FISCAL BAL1-BAL9;
TITLE FINANCIAL STATEMENT FILE(4)-ASSETS: TAIWAN;

PROC PRINT; VAR COID BAL10-BAL22;
TITLE FINANCIAL STATEMENT FILE(4)-LIABILITIES & EQUITY: TAIWAN;

PROC PRINT; VAR COID INC1-INC9;
TITLE FINANCIAL STATEMENT FILE(4)-INCOME: TAIWAN;

PROC PRINT; VAR COID MKT1-MKT6;
TITLE FINANCIAL STATEMENT FILE(4)-MARKET RELATED DATA: TAIWAN;
FORMAT MKT1-MKT4 11.2;

PROC PRINT; VAR COID TWF1-TWF67;
TITLE FINANCIAL STATEMENT FILE(4)-SUPPLEMENTARY ITEMS: TAIWAN;
RUN;
```

SAS Retrieval Program 7 - TW
(For Financial Statements File - Financial Companies, Taiwan)

```
/*  PROGRAM NAME: SASTWFBK SAS           */
/*  FILE        : FINANCIAL STATEMENTS (7) */

DATA;
INFILE FINBANK lrecl=1138;
INPUT  CUNTRY    1-2
       COID   $  3-8
       INDID     9-12
       YEAR      13-16
       FISCAL    17-22
       MONCOV    23-24
       FINCUR $ 25-27
       (BAL1-BAL14 INC1-INC8)  (11.)
       (MKT1-MKT4)  (11.2)
       (MKT5-MKT6)  (11.)
       (TWF1-TWF73) (11.);

PROC PRINT; VAR CUNTRY COID INDID YEAR FISCAL BAL1-BAL6;
TITLE FINANCIAL STATEMENT FILE(7)-ASSETS: TAIWAN;

PROC PRINT; VAR COID BAL7-BAL14;
TITLE FINANCIAL STATEMENT FILE(7)-LIABILITIES & EQUITY: TAIWAN;

PROC PRINT; VAR COID INC1-INC8;
TITLE FINANCIAL STATEMENT FILE(7)-INCOME: TAIWAN;

PROC PRINT; VAR COID MKT1-MKT6;
TITLE FINANCIAL STATEMENT FILE(7)-MARKET RELATED DATA: TAIWAN;
FORMAT MKT1-MKT4 11.2;

PROC PRINT; VAR COID TWF1-TWF73;
TITLE FINANCIAL STATEMENT FILE(7)-SUPPLEMENTARY ITEMS: TAIWAN;
RUN;
```

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APPENDICES

PACAP

PACAP COUNTRY CODES

Country ID (CUNTRY)	Country Name	Abbreviation	Local Currency
01	Taiwan	TW	NT$
02	Korea	KS	Won
03	Thailand	TH	Baht
04	Malaysia	MY	Ringgit
05	Hong Kong	HK	HK$
06	Singapore	SN	SND
07	Indonesia	ID	Rupiah
09	Japan	JA	Yen

CURRENCY CODES USED IN PACAP

Currency	Currency Code
Australian Dollar	AUD
Deutsche Mark	DEM
U.K. Pound	GBP
Hong Kong Dollar	HKD
Indonesia Rupiah	IDR
Japanese Yen	JPY
Korean Won	KRW
Malaysian Ringgit	MYR
Netherlands Guilder	NLG
New Taiwan Dollar	NTD
Philippine	PHP
Chinese Renminbi	RMB
Singapore Dollar	SND
Thai Baht	THB
U.S. Dollar	USD
Norway Norwegian Krone	NOK
Canada Dollar	CAD

STATUS OF COMPANY

Status of Company (STATCO)	Remarks
A	Active
B	Bankrupt
C	Compulsory delisting
D	Delisted, reason unknown
G	Changed to government owned
L	Listing Status replaced by another company
M	Merged with another company
O	Delisted due to company reorganization
P	Changed to private company
R	Company reclassified into another industry
S	Company under reorganization, data unavailable in PACAP
T	Acquired by another company
V	Voluntary withdrawals
Z	Delisted, then relisting with the same company name

CAPITAL DISTRIBUTION TYPES

Distribution Type (DISTYP)	Description
CA	Cash Dividend
CB	Cash Dividend - Taxable
CC	Cash Dividend - Tax Exempt
CD	Cash Dividend with Scrip Option
CE	Dividend in Scrip Form with Cash Option[1]
CF	Cash Dividend in Foreign Currency[2]
CG	Cash Dividend in Foreign Currency[2] - Taxable
CH	Cash Dividend in Foreign Currency[2] - Tax Exempt
CI	Cash Dividend in Foreign Currency[2] with Scrip Option
CJ	Dividend in Scrip Form with Cash Option in Foreign Currency[1,2]
CK	Special Dividend/Cash Bonus
CL	Special Dividend/Cash Bonus - Taxable
CM	Special Dividend/Cash Bonus - Tax Exempt
CN	Special Dividend/Cash Bonus with Scrip Option
CO	Special Dividend in Scrip Form with Cash Option[1]
CP	Special Dividend/Cash Bonus in Foreign Currency[2]
CQ	Special Dividend/Cash Bonus in Foreign Currency[2] - Taxable
CR	Special Dividend/Cash Bonus in Foreign Currency[2] - Tax Exempt
CS	Special Dividend/Cash Bonus in Foreign Currency[2] with Scrip Option
CT	Special Dividend in Scrip Form with Cash Option in Foreign Currency[1,2]
CU	Capital Repayment[3]
CV	Bonus Shares of Other Stock Type or Other Company[4]
CW	Bonus Warrant[4]
CX	Rights Offering - Rights to Subscribe Other Type of Stocks or Other Company's Shares[4]
DC	Reverse Split/Consolidation
DD	Decrease/Reduction of Capital
DE	Share Exchange
DS	Stock Split
RF	Rights Offering with Subscription Price in Foreign Currency[2]
RO	Rights Offering
RW	Rights Offering - with Warrant or Other Type of Stocks Issued at the same time[5]
SD	Stock Dividend/Bonus Issue

Notes:

1. The cash option price is used as the AMOUNT of the distribution.
2. The foreign currency amount has been converted into local currency equivalent based on the exchange rate on ex-distribution date.
3. Treated as a cash distribution with the AMOUNT equal to the decrease in the par value of the stock.
4. Treated as a cash distribution with the AMOUNT equal to the cash equivalent of the bonus/rights issues.
5. The price of the warrant or other type of stock is not included in the calculation of returns as most prices are unavailable.

PACAP

MISSING CODES

Data Element	Code Used	Description
OPNPRC, HIPRC, LOPRC, CLSPRC	-8888 for Hong Kong, Malaysia and Singapore -88888 for Taiwan and Thailand -8888888 for Japan , Korea, and Indonesia	Missing Due to Trading Suspended or Company Under Reconstruction.
	-9666 for Hong Kong, Malaysia and Singapore -96666 for Taiwan and Thailand -9666666 for Japan, Korea, and Indonesia	Missing due to non-trading of the Company
	-9999 for Hong Kong, Malaysia and Singapore -99999 for Taiwan and Thailand -9999999 for Japan, Korea, and Indonesia	Missing Due to Lack of Availability
DRETND, DRETWD, MRETND, MRETWD, MADJCD, MADJLD	-966 for All Countries	Missing Since No Trading on Current Date
	-977 for All Countries	Missing Since No Trading on Previous Date
	-999 for All Countries	Missing Due to Lack of Availability
All Elements from the Balance Sheet, Income Statement, Supplementary Items in the Financial Statements File	-8888888888 for All Countries	Missing Because the Item is Not Applicable to Specific Industry or Countries
	-9999999999 for All Countries	Missing Due to Lack of Availability

PACAP

FILE SIZE AND PERIOD COVERED IN PACAP DATABASES - TAIWAN

File	Dataset Name	No. of Records	File Size (bytes)	Beginning Date	Ending Date
0001	COMPANY	781	256,949	1975 Jan 1	2002Dec 31
0002	EXCHANGE	8,471	186,362	1975 Jan 1	2002 Dec 31
0003	MNTHECON	336	130,368	1975 Jan	2002 Dec
0004	YEARECON	28	23,652	1975	2001
0005	CALENDAR	10,227	143,178	1975 Jan 1	2002 Dec 31
0006	FINSTMT	6,129	7,189,317	1975	2002
0007	FINBANK	526	599,640	1975	2002
0008	CPTLDIST	7,916	451,212	1975 Jan 4	2002 Dec 31
0009	MNTHMRKT	336	28,896	1975 Jan	2002 Dec
0010	MNTHINDX	3,430	343,000	1975 Jan	2002 Dec
0011	DALYMRKT	7,918	609,686	1975 Jan 4	2002 Dec 31
0012	DALYINDX	80,743	1,937,832	1975 Jan 4	2002 Dec 31
0013	MNTHRTN	80,344	9,801,968	1975 Jan	2002 Dec
0014	DALYRTN	1,826,586	191,791,553	1975 Jan 4	2002 Dec 31

STOCK INDEX CODES - TAIWAN

Index Code (IDXID)	Base Date	Index Name (INXNME)
1000	1966 Average = 100	Taiwan Stock Exchange Weighted Stock Index
		WEIGHTED STOCK INDICES BY CATEGORY:
1001	1981 Jan 5 = 100	Category A Stocks*
1002	1981 Jan 5 = 100	Category B Stocks*
		TAIWAN STOCK EXCHANGE INDICES BY INDUSTRY:
1011	1986 Dec 29 = 100	Cement and Ceramics
1012	1986 Dec 29 = 100	Foods
1014	1986 Dec 29 = 100	Textiles
1019	1986 Dec 29 = 100	Pulp and Paper
1025	1986 Dec 29 = 100	Construction
1028	1986 Dec 29 = 100	Finance
1097	1986 Dec 29 = 100	Electrical
1098	1986 Dec 29 = 100	Plastics and Chemical
		STOCK PRICE AVERAGE:
1101		Composite Stock Price Average
1102		Industrial Stock Price Average

*No data after December 1995.

INDUSTRY CODES - TAIWAN

Industry Code (INDID)	**Industry Name** (INDNME)
0011	Cement
0012	Foods
0013	Plastics
0014	Textiles
0015	Electric and Machinery
0016	Electric Appliance & Cable
0017	Chemicals
0018	Glass & Ceramics
0019	Pulp and Paper
0020	Iron and Steel
0021	Rubber
0022	Automobile
0023/24/30	Electronics
0025	Construction
0026	Transportation
0027	Tourism
0028	Banking & Insurance
0029	Department Store
0091	Depositary Receipts
0098	Composite
0099	Others

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SECTION CODES FOR LISTED STOCKS - TAIWAN

Section Code (SECTION)	**Section Name**
1	General Listing[1]
4	Stock Require full Delivery[2]

Notes: 1.   See Numerical Criteria for Stock Listing on the following page.

2.   Stocks required full delivery are stocks of companies which have financial problems.
Margin trading and short-selling are not permitted on these stocks.
They are still classified as general listing, however, they are excluded from the calculation of any indices.

NUMERICAL CRITERIA FOR STOCK LISTING - TAIWAN[1]

Qualifications

Years of operation after incorporation	Five full fiscal years
Minimum Capital Amount	NT$600 million

Distribution of Shares:

A. Minimum Number of Registered Shareholders	1,000
or	
B. Minimum Number of Public Shareholders[2]	500
and	
Minimum Public shares	20% or 10 million shares

Profitability:

Minimum Ratio of Income[3] to Capital Stock	6% in each of the past two years; or 6% on an average for the past two years and the latest year shows better profitability than the previous year does; or 3% in the each of the last five years.

Notes:
1. Listing Criteria from 1997.
2. Public Shareholders: Each Holding 1,000 to 50,000 Shares or More
3. Income: The Operating Income and the Net Income Before Income Tax

Source: Taiwan Stock Exchange Corporation Fact Book 2003.

COMPANY NAME	COID	STKTYP	INDID	COMPANY NAME	COID	STKTYP	INDID
A.C.E.R.	002306	1	0023	BRIGHT LED ELECTRONICS CORP	003031	1	0030
A.G.V. PRODUCTS	001217	1	0012	C SUN MFG. LTD.	002467	1	0024
A.G.V. PRODUCTS - PREFERRED	001217	5	0012	CARNIVAL	001417	1	0014
A.S.E.	002311	1	0023	CARRY COMPUTER ENG. CO. LTD	003054	1	0030
AAEON TECHNOLOGY INC.	002463	1	0024	CATCHER TECHNOLOGY CO., LTD	002474	1	0024
ABILITY ENTERPRISE	002374	1	0023	CATHAY CHEMICAL	001713	1	0017
ABIT COMPUTER CORPORATION	002407	1	0024	CATHAY CONSTRUCTION	002501	1	0025
ABO-COM ASYSTEMS CO LTD	002444	1	0024	CATHAY HOLDINGS	002882	1	0028
ACCTON	002345	1	0023	CATHAY LIFE INSURANCE	002805	1	0028
ACE UNION FOODS CORPORATION	001230	1	0012	CATHAY PLASTIC	001302	1	0013
ACELON CHEMICALS & FIBER CORPORATION	001466	1	0014	CATHAY UNITED BANK	002835	1	0028
ACER DISPLAY TECHNOLOGY INC (AUO)	002409	1	0024	CENTRAL INSURANCE	002825	1	0028
ACER INCORPORATED	002353	1	0023	CENTRAL REINSURANCE CORPORATION	002851	1	0028
ACM	002352	1	0023	CHAIN QUI DEVELOP. CO LTD	002509	1	0025
ACTION ELECTRONICS CO LTD	003024	1	0030	CHAINTECH COMPUTER CO LTD	002425	1	0024
ADVANCED DATA INTERNATIONAL CORP.(A.D.I.)	002304	1	0023	CHAN CHUN TEXTILE	001430	1	0014
ADVANCETEK ENTERPRISE CO LTD	001442	1	0014	CHANG HO FIBRE CORPORATION	001468	1	0014
ADVANTECH CO LTD	002395	1	0023	CHANG HWA BANK	002801	1	0028
AGRICOL TURAL INDUSTRIAL	001214	1	0012	CHANG HWA BANK - PREF STOCK	002801	5	0028
AHOKU ELECTRONIC COMPANY	003002	1	0030	CHANG KU BUILDING	002517	1	0025
ALI CORPORATION	003041	1	0030	CHANG YIH CONSTRUCTION CO LTD	002544	1	0025
ALL SINCERE INDUSTRIAL	001208	1	0012	CHANT WORLD INTERNATIONAL	002335	1	0023
ALLIS ELECTRIC	001514	1	0015	CHAROEN POK PHAND ENTERPRISES (TAIWAN)	001215	1	0012
ALTEK CORPORATION	003059	1	0030	CHENG HONG CHEMICAL	001705	1	0017
AMBASSADOR HOTEL	002704	1	0027	CHENG LOONG	001904	1	0019
AMBIT MICROSYSTEMS CORPORATION	002386	1	0023	CHENG SHIN RUBBER INDUSTRIES	002105	1	0021
AMPOC FAR-EAST CO LTD	002493	1	0024	CHENG UEI PRECISION INDUSTRY CO LTD	002392	1	0023
AMTRAN TECHNOLOGY CO., LTD	002489	1	0024	CHI MEI OPTOELECTRON CORPORATION	003009	1	0030
ANDERSON INDUSTRIAL CORP	001528	1	0015	CHIA HER INDUSTRIAL CO., LTD.	001449	1	0014
AOPEN INC	003046	1	0030	CHIA HER INDUSTRIAL CO., LTD.-PREFERRED	001449	5	0014
APEX BIOTECHNOLOGY	001733	1	0017	CHIA HSIN CEMENT	001103	1	0011
APEX SCIENCE AND ENGINERRING	001518	1	0015	CHIA HSIN FOOD & SYNTHETIC FIBLER CO	001207	1	0012
ARES INTERNATIOINAL CORP.	002471	1	0024	CHIA HSIN LIVESTOCK	001458	1	0014
ARIMA COMPUTER CORP	002381	1	0023	CHIA I INDUSTRIAL CO.	002017	1	0020
ASE TEST LIMITED	009101	1	0091	CHIA TA WORLD CO LTD	002033	1	0020
ASIA CEMENT	001102	1	0011	CHIAO TUNG BANK	002824	1	0028
ASIA CHEMICAL CORPORATION	001715	1	0017	CHICONY ELECTRONICS CO LTD	002385	1	0023
ASIA CHEMICAL CORPORATION -- PREFERRED	001715	5	0017	CHIEF CONSTRUCTION CORPORATION	002522	1	0025
ASIA OPTICAL CO INC	003019	1	0030	CHIEN SHING STAINLESS STEEL	002025	1	0020
ASIA PACIFIC BANK LTD	002843	1	0028	CHIEN TAI CEMENT	001107	1	0011
ASIA POLYMER	001308	1	0013	CHIH LIEN INDUSTRIAL	002024	1	0020
ASIA VITAL COMPONENTS CO LTD	003017	1	0030	CHILISIN ELECTRONICS CORPORATION	002456	1	0024
ASKEY COMPUTER CO., LTD.	002366	1	0023	CHIN-POON INDUSTRIAL	002355	1	0023
ASSOCIATED INDUSTRIES CHINA INC.	009912	1	0099	CHINA AIR LINES	002610	1	0026
ASUSTEK COMPUTER INC.	002357	1	0023	CHINA BILLS FINANCE	002820	1	0028
AUDIX CORPORATION	002459	1	0024	CHINA CHEMICAL	001701	1	0017
AURORA CORPORATION	002373	1	0023	CHINA CONTAINER TERMINAL	002613	1	0026
AURORA SYSTEMS CORPORATION	002433	1	0024	CHINA DEVELOPMENT BANK	002804	1	0028
AVERMEDIA TECHNOLOGIES INC	002417	1	0024	CHINA DEVELOPMENT BANK - PREFERRED	002804	5	0028
AVISION INC	002380	1	0023	CHINA DEVELOPMENT INDUSTRIAL BANK	002883	1	0028
AWEA MECHANTRONIC CO LTD	001530	1	0015	CHINA DEVELOPMENT INDUSTRIAL BANK - PREFERRED	002883	5	0028
BANK OF KAOHSIUNG CO LTD	002836	1	0028	CHINA ECOTEK	001535	1	0015
BANK SINOPAC CO LTD	002839	1	0028	CHINA ELECTRIC MANUFACTURE	001611	1	0016
BAO-CHEN CONSTRUCTION	002512	1	0025	CHINA GENERAL PLASTICS CORPORATION	001305	1	0013
BAO-CHEN CONSTRUCTION - PREFERRED	002512	5	0025	CHINA GLAZE	001809	1	0018
BASSO INDUSTRY CORP	001527	1	0015	CHINA HI-MENT CORPORATION	009930	1	0099
BEHAVIOR TECH. COMPUTER CORP.	002341	1	0023	CHINA LIFE INSURANCE	002823	1	0028
BES ENGINEERING CORPORATION	002515	1	0025	CHINA MANMADE FIBERS	001718	1	0017
BILLION ELECTRIC CO LTD	003027	1	0030	CHINA METAL PRODUCTS CO LTD	001532	1	0015
BIOSTAR MICROTECH INT'L CORP	002399	1	0023	CHINA MOTOR CO., LTD.	002204	1	0022

COMPANY NAME	COID	STKTYP	INDID	COMPANY NAME	COID	STKTYP	INDID
CHINA PETROCHEMICAL DEP.CORP.	001314	1	0013	CX TECHNOLOGY CORPORATION	002415	1	0024
CHINA REBAR	009801	1	0098	CYNTEC CO., LTD	002452	1	0024
CHINA REBAR - PREFERRED	009801	5	0098	D-LINK CORPRATION	002332	1	0023
CHINA STEEL	002002	1	0020	DA-CIN CONSTRUCTION	002535	1	0025
CHINA STEEL - PREFERRED	002002	5	0020	DAH AN COMMERCIAL BANK	002829	1	0028
CHINA STEEL CHEMICAL CORP	001723	1	0017	DAH SAN ELECTRIC WIRE AND CABLE CO LTD	001615	1	0016
CHINA STEEL STRUCTURE CO., LTD.	002013	1	0020	DAHIN	001320	1	0013
CHINA STEEL STRUCTURE CO., LTD.-PREFERRED	002013	5	0020	DATA SYSTEM CONSULTING CO., LTD	002447	1	0024
CHINA SYNTHETIC RUBBER	002104	1	0021	DELICACY INDUSTRIAL	001464	1	0014
CHINA TELEVISION CO LTD	009928	1	0099	DELPHAN CONSTRUCTION	002530	1	0025
CHINA TRUST COMMERCIAL BANK	002815	1	0028	DELTA ELECTRONIC	002308	1	0023
CHINA TRUST COMMERICAL BANK - PREFERRED	002815	5	0028	DER PAO CONSTRUCTION	002523	1	0025
CHINA UNITED TRUST & INVESTMENT	002827	1	0028	DFI INC.	002397	1	0023
CHINA WIRE & CABLE	001603	1	0016	DING ING ENTERPRISE	009923	1	0099
CHINA WIRE & CABLE - PREFERRED	001603	5	0016	E-LEAD ELECTRONIC CO LTD	002497	1	0024
CHINATRUST FINANCIAL HOLDING COMPANY LTD	002891	1	0028	E. SUN COMMERCIAL BANK LTD	002840	1	0028
CHINATRUST FINANCIAL HOLDING COMPANY LTD	002891	5	0028	E. SUN FINANCIAL HOLDING COMPANY LTD	002884	1	0028
CHINESE AUTOMOBILE	002205	1	0022	EAGLE HOLDING	001209	1	0012
CHINESE MARITIME TRANSPORT LTD	002612	1	0026	EASTERN ASIA TECHNOLOGY LIMITED	009102	1	0091
CHING FENG HOME FASHIONS CO LTD	009935	1	0099	ECLAT TEXTILE CO., LTD	001476	1	0014
CHING MEI PRINTING DYEING	001421	1	0014	EDIMAX TECHNOLOGY CO LTD	003047	1	0030
CHOICE LITHOGRAPH INC	009929	1	0099	EDOM TECHNOLOGY CO LTD	003048	1	0030
CHOU CHIN INDUSTRIAL CO., LTD.	001221	1	0012	ELAN MICROELECTRONICS CORP	002458	1	0024
CHOUNGHSIM	002902	1	0029	ELITE MATERIAL CO LTD	002383	1	0023
CHROMA ATE	002360	1	0023	ELITE SEMICONDUCTOR MEMORY TECHNOLOGY INC	003006	1	0030
CHU WA WOOL	001439	1	0014	ELITEGROUP COMPUTER SYSTERMS	002331	1	0023
CHUN FU TEXTILE	001435	1	0014	EMERGING DISPLAY TECHNOLOGIES CORP	003038	1	0030
CHUN YU WORKS & CO., LTD.	002012	1	0020	ENLIGHT CORPORATION	002438	1	0024
CHUN YUAN STEEL	002010	1	0020	ENSURE CO., LTD.	001509	1	0015
CHUNG HSIN ELECTRIC AND MACHINERY	001513	1	0015	ENTIE COMMERCIAL BANK	002849	1	0028
CHUNG HSIN PAPER	001901	1	0019	EPISTAR CORPORATION	002448	1	0024
CHUNG HSIN PAPER - PREFERRED	001901	5	0019	ETEN INFORMATION SYSTEMS CO LTD	002432	1	0024
CHUNG HSING BILLS FINANCE	002814	1	0028	ETERNAL CHEMICAL COMPANY, LIMTED	001717	1	0017
CHUNG HWA CHEMICAL INDUSTRIAL WORKS LTD	001727	1	0017	ETITC	002614	1	0026
CHUNG HWA PULP	001905	1	0019	EVA AIRWAYS	002618	1	0026
CHUNG SHING BANK - CSB	002846	1	0028	EVER FORTUNE	002518	1	0025
CHUNG SHING TEXTILE	001408	1	0014	EVEREST TEXTILE	001460	1	0014
CHUNG-KUO INSURANCE CORPORATION	002819	1	0028	EVERGREEN MARINE	002603	1	0026
CHUNGHWA PICTURE TUBES LTD	002475	1	0024	EVERGREEN TRANSPORT	002607	1	0026
CHUNGHWA TELECOM CO LTD	002412	1	0024	EVERLIGHT CHEMICAL	001711	1	0017
CHUNTEX ELECTRONIC CO., LTD.	002320	1	0023	EVERLIGHT ELECTRONICS CO LTD	002393	1	0023
CHYANG SHENG DYEING & FINISHING	001463	1	0014	EVERMORE CHEMICAL INDUSTRY CO LTD	001735	1	0017
CIS TECHNOLOGY INC.	002326	1	0023	EVERSPRING INDUSTRY CO LTD	002390	1	0023
CLEVO CO.	002362	1	0023	EVERTEX DYEING AND FINISHING CO LTD	001470	1	0014
CMC MAGNETICS CORPORATION - PREFERRED	002323	5	0023	EVERTOP WIRE CABLE CORPORATION	001616	1	0016
CMC MAGNETICS CORPORATON	002323	1	0023	EXCEL CELL ELECTRONIC CO., LTD	002483	1	0024
COLLINS	002906	1	0029	EZPLACE	002537	1	0025
COLLINS - PREFERRED	002906	5	0029	FALCON CYCLE-PARTS	001516	1	0015
COMPAL ELECTRONIC, INC.	002324	1	0023	FAR EAST TEXTILE	001402	1	0014
COMPEQ MANUFACTURING	002313	1	0023	FAR EASTERN DEPARTMENT STORE	002903	1	0029
COMPEX INTERNATIONAL CO LTD	009936	1	0099	FAR EASTERN INTERNATIONAL BANK	002845	1	0028
COMPUCASE ENTERPRISE CO LTD	003032	1	0030	FARADAY TECHNOLOGY CORP	003035	1	0030
CONTINENTAL ENGINEERING	002526	1	0025	FARCENT ENTERPRISE	001730	1	0017
CORNER CORPORATION	009906	1	0099	FEDERAL CORPORATION	002102	1	0021
COSMO ELECTRONICS CORP.	002466	1	0024	FENG AN METAL INDUSTRIAL CO.	002018	1	0020
COSMOS BANK, TAIWAN	002837	1	0028	FENG HSIN IRON & STEEL	002015	1	0020
CRADLE TECHNOLOGY CORP	003021	1	0030	FENG TAY ENTERPRISE	009910	1	0099
CROWELL DEVELOPMENT	002528	1	0025	FIRST COMMERCIAL BANK	002802	1	0028
CTB FINANCIAL HOLDING COMPANY	002886	1	0028	FIRST COPPER TECHNOLOGY	002009	1	0020
CTCI CORPORATION	009933	1	0099	FIRST HOTEL	002706	1	0027

COMPANY NAME	COID	STKTYP	INDID	COMPANY NAME	COID	STKTYP	INDID
FIRST INTERNATIONAL COMPUTER INC.	002319	1	0023	HONG TAI ELECTRONIC INDUSTRIAL	001612	1	0016
FIRST INTERNATIONAL COMPUTER INC. - PREFERRED	002319	5	0023	HONG YI FIBER INDUSTRIAL	001452	1	0014
FIRST STEAMSHIP	002601	1	0026	HONMYUE ENTERPRISES CO LTD	001474	1	0014
FORMOSA CHEMICAL & FIBER	001433	1	0014	HORNG-JIUH CONSTRUCTION CORPORATION	002542	1	0025
FORMOSA INTERNATIONAL HOTELS CORPORATION	002707	1	0027	HOTA INDUSTRIAL MFG.	001536	1	0015
FORMOSA OILSEED PROCESSING	001225	1	0012	HOTAI MOTOR	002207	1	0022
FORMOSA PLASTIC	001301	1	0013	HOTEL HOLIDAY GARDEN	002702	1	0027
FORMOSA TAFFETA CO., LTD.	001434	1	0014	HOU HAI PRECISION INDUSTRY CO., LTD.	002317	1	0023
FORMOSAN RUBBER GROUP	002107	1	0021	HSIN CHU GLASS	001801	1	0018
FORMOSAN UNION CHEMICAL	001709	1	0017	HSIN KAO GAS CO LTD	009931	1	0099
FORTUNE ELECTRIC CO., LTD.	001519	1	0015	HSIN KUANG STEEL CO LTD	002031	1	0020
FORTUNE INFORMATION SYSTEMS CORP.	002468	1	0024	HSINCHU INTERNATIONAL BANK	002807	1	0028
FU I IND.	001436	1	0014	HSING TA CEMENT CO., LTD.	001109	1	0011
FU SHENG INDUSTRIAL	001520	1	0015	HUA ENG WIRE & CABLE	001608	1	0016
FU SHING MANUFACTURING & LUMBER	002503	1	0025	HUA NAN BANK	002803	1	0028
FUBON COMMERCIAL BANK LTD	002842	1	0028	HUA NAN FINANCIAL HOLDING CO., LTD	002880	1	0028
FUBON FINANCIAL	002881	1	0028	HUAKU CONSTRUCTION CO LTD	002548	1	0025
FUBON INSURANCE	002817	1	0028	HUALON-TEIJRAN	001407	1	0014
FUH-HWA SECURITIES FINANCE	002821	1	0028	HUALON-TEIJRAN - PREFERRED	001407	5	0014
FUHWA FINANCIAL HOLDING CO LTD	002885	1	0028	HUANG HSIANG CONSTRUCTION CORPORATION	002545	1	0025
FWU SOW PRODUCTS	001219	1	0012	HUI SHUNG AGR. & FOOD	001224	1	0012
G-SHANK ENTERPRISE CO., LTD	002476	1	0024	HUNG CHING DEVELOPMENT & CONSTRUCTION	002527	1	0025
G.T.M.	001437	1	0014	HUNG CHOU CHEMICAL	001413	1	0014
GEETECH	001539	1	0015	HUNG FU CONSTRUCTION	002519	1	0025
GEM TERMINAL IND. CO., LTD	002460	1	0024	HUNG POO CONSTRUCTION	002536	1	0025
GENERAL FABRIC COMPANY	001427	1	0014	HUNG SHENG	002534	1	0025
GIANT MANUFACTURING	009921	1	0099	HUNYA FOODS	001236	1	0012
GIGA-BYTE TCHNOLOGY CO LTD	002376	1	0023	HWA CHEN INDUSTRY	002507	1	0025
GIGASTORAGE CORPORATION	002406	1	0024	HWA FONG RUBBER IND CO LTD	002109	1	0021
GLOBAL VIEW CO LTD	003040	1	0030	HWANG CHANG GENERAL CORPORATION CO LTD	002543	1	0025
GLOBE INDUSTRIES CORPORATION	001324	1	0013	I-CHIUN PRECISION INDUSTRIAL CO., LTD	002486	1	0024
GLOBO UNION INDUSTRIAL CORP	009934	1	0099	I-HWA INDUSTRIAL	001456	1	0014
GOLD CIRCUIT ELECTRONICS LTD	002368	1	0023	ICHIA TECHNOLOGIES INC.	002402	1	0024
GOLDSUN DEVELOPMENT & CONSTRUCTION	002504	1	0025	ICP ELECTRONICS INC	003022	1	0030
GOOD WILL INSTRUMENT CO LTD	002423	1	0024	IMPERIAL HOTEL	002703	1	0027
GORDON AUTO BODY PARTS CO LTD	001524	1	0015	INFODISC TECHNOLOGY CO., LTD	002491	1	0024
GRAND COMMERCIAL BANK	002828	1	0028	INFORTREND TECHNOLOGY INC	002495	1	0024
GRAND PACIFIC PETROCHEMICAL	001312	1	0013	INTERNATIONAL BANK OF TAIPEI	002808	1	0028
GRAND PACIFIC PETROCHEMICAL - PREFERRED	001312	5	0013	INTERNATIONAL BILLS FINANCE	002813	1	0028
GRAPE KING INDUSTRY	001707	1	0017	INTERNATIONAL COMMERCIAL BANK OF CHINA(ICBC)	002806	1	0028
GREAT CHINA INDUSTRIAL	001803	1	0018	INVENTEC CORPORATION	002356	1	0023
GREAT CHINA METAL IND.	009905	1	0099	ITE TECH INC	003014	1	0030
GREAT ELECTRONICS & INDUSTRY	002307	1	0023	JAUNG YUANN ENTERPRISE CO LTD	002030	1	0020
GREAT WALL ENTERPRISE	001210	1	0012	JEAN CO LTD	002442	1	0024
GREATEK ELECTRONICS INC	002441	1	0024	JEN HSIAN CONSTRUCTION	002529	1	0025
GVC CORPORATION	002322	1	0023	JENN FENG INDUSTRIAL CO LTD	001538	1	0015
GVC CORPORATION - PREFERRED	002322	5	0023	JI-HAW INDUSTRIAL CO LTD	003011	1	0030
HANPIN ELECTRON CO., LTD	002488	1	0024	JOHNFORD	001540	1	0015
HELLX TECHNOLOGY INC	002479	1	0024	JUI LI ENTERPRISE	001512	1	0015
HEY-SONG CORPORATION	001234	1	0012	JUNG SHING WIRE CO LTD	001617	1	0016
HIGH TECH COMPUTER CORP	002498	1	0024	K LASER TECHNOLOGY INC.	002461	1	0024
HITRON TECHNOLOGY INC	002419	1	0024	K. S. TERMINALS INC	003003	1	0030
HO TUNG CHEMICAL CORP.	001714	1	0017	K.P.T.	001805	1	0018
HOCHENG CORPORATION	001810	1	0018	K.P.T. - PREFERRED	001805	5	0018
HOLD-KEY ELECTRIC WIRE AND CABLE CO LTD	001618	1	0016	KANG NA HSIUNG ENTERPRISE	009919	1	0099
HOLIDAY ENTERTAINMENT CO LTD	009943	1	0099	KAO HSING CHANG IRON & STEEL	002008	1	0020
HOLTEK MICROELECTRONICS	002339	1	0023	KAOHSIUNG BUSINESS BANK	002810	1	0028
HOLY STONE ENTERPRISE CO LTD	003026	1	0030	KAULIN MFG CO LTD	001531	1	0015
HONG CHUNG CONSTRUCTION	002521	1	0025	KEDGE CONSTRUCTION CORP	002546	1	0025
HONG HO PRECISION TEXTILE CO., LTD.	001446	1	0014	KEE TAI PROPERTIES	002538	1	0025

COMPANY NAME	COID	STKTYP	INDID	COMPANY NAME	COID	STKTYP	INDID
KENDA RUBBER IND.	002106	1	0021	MAXIM INTERNATIONAL	001422	1	0014
KIAN SHEN CORPORATION	001525	1	0015	MAYER STEEL PIPE CORP.	002020	1	0020
KING TEXTILE	001448	1	0014	MAYWUFA CO., LTD.	001731	1	0017
KING YUAN ELECTRONICS CO., LTD	002449	1	0024	MEDIATEK INCORPORATION	002454	1	0024
KING'S INTERNATIONAL MULTIMEDIA CO LTD	003001	1	0030	MEGAMEDIA CORP.	002318	1	0023
KING-WEI TEXTILE	001461	1	0014	MEILOON INDUSTRIAL CO., LTD	002477	1	0024
KINGDOM CONSTRUCTION	002520	1	0025	MERCURIES & ASSOCIATES	002905	1	0029
KINPO ELECTRONICS, INC.	002312	1	0023	MERCURIES DATA SYSTEMS LTD	002427	1	0024
KO SHENG ENTERPRISES	002309	1	0023	MERIDA INDUSTRY	009914	1	0099
KOLIN	001606	1	0016	MERRY ELECTRONICS CO LTD	002439	1	0024
KTC	002524	1	0025	MICRO-STAR INTERNATIONAL CO LTD	002377	1	0023
KUEI HUNG INDUSTRIAL	002019	1	0020	MICROELECTRONICS TECHNOLOGY INC.	002314	1	0023
KUNG LONG BATTERIES INDUSTRIAL CO LTD	001537	1	0015	MICROTEK INTERNATIONAL, INC.	002305	1	0023
KUNNAN ENTERPRISE	009903	1	0099	MINCHALI METAL IND.	002016	1	0020
KUNNAN ENTERPRISE - A PREFERRED	009903	5	0099	MIRLE AUTOMATION CORPORATION	002464	1	0024
KUO BIN CERAMIC INDUSTRIAL	001808	1	0018	MITAC INTERNATIONAL CORP.	002315	1	0023
KUO FENG CORPORATION	002334	1	0023	MITAC TECHNOLOGY CORPORATION	003005	1	0030
KUO HWA CHEMICAL	001406	1	0014	MOBILETRON ELECTRONICS CO.,LTD	001533	1	0015
KUOYANG CONSTRUCTION	002505	1	0025	MOSEL VITELIC INC.	002342	1	0023
KWONG FONG INDUSTRIES	001416	1	0014	MOSPEC SEMICONDUCTOR CORP	002434	1	0024
KYE SYSTEMS CORP.	002365	1	0023	MUSTEK SYSTEMS INC.	002361	1	0023
LAN FA TEXTILE	001459	1	0014	NAMCHOW CHEMICAL	001702	1	0017
LARGAN PRECISION CO LTD	003008	1	0030	NAN KANG RUBBER TIRE	002101	1	0021
LEAD DATA INC.	002443	1	0024	NAN YA PLASTIC	001303	1	0013
LEADER ELECTRONICS INC	003058	1	0030	NAN-YANG DYEING & FINISHING	001410	1	0014
LEADTEK RESEARCH INC.	002465	1	0024	NANTEX INDUSTRY	002108	1	0021
LEALEA ENTERPRISE	001444	1	0014	NANYA TECHNOLOGY CORPORATION	002408	1	0024
LEALEA ENTERPRISE - PREFERRED	001444	5	0014	NATIONAL AEROSPACE FASTENERS CORPORATION	003004	1	0030
LEE CHANG YUNG CHEMICAL INDUSTRY	001704	1	0017	NATIONAL PETROLEUM CO LTD	009937	1	0099
LEE CHI	001517	1	0015	NEW ASIA	001607	1	0016
LEE TAH FARM INDUSTRIES	001226	1	0012	NEW ASIA CONS. & DEV.	002516	1	0025
LELON ELECTRONICS CO., LTD	002472	1	0024	NEW EAST TEXTILE	001424	1	0014
LEOFOO DEVELOPMENT	002705	1	0027	NEW SUN METAL INDUSTRY	002021	1	0020
LES ENPHANTS	002911	1	0029	NIEN HSING TEXTILE	001451	1	0014
LI PENG ENTERPRISE	001447	1	0014	NIEN MADE ENTERPRISE	009915	1	0099
LI SHIN INTERNATIONAL ENTEPRISE CO., LTD	002469	1	0024	NOVATEK MICROELECTRONICS CORP	003034	1	0030
LIAN HWA FOODS	001231	1	0012	OCEAN PLASTICS CO LTD	001321	1	0013
LIEN CHANG ELECTRONIC ENTERPRISE CO LTD	002431	1	0024	OCEANIC BEVERAGE CO., IND.	001213	1	0012
LIEN HWA INDUSTRIAL	001229	1	0012	OPTIMAX TECHNOLOGY CORPORATION	003051	1	0030
LIEN YU	009989	1	0099	OPTO TECH COPORATION	002340	1	0023
LILONTEX TEXTILE CO LTD	001469	1	0014	ORIENT SEMICONDUCTOR ELECTRONICS	002329	1	0023
LILY TEXTILE	001443	1	0014	ORIENTAL UNION CHEMICAL	001710	1	0017
LIN SAN HAO INTERNATIONAL DEVELOP.	002540	1	0025	ORNATUBE ENTERPRISE	002011	1	0020
LING SEN PRECISION INDUSTRIES LTD	002369	1	0023	ORNATUBE ENTERPRISE - PREFERRED	002011	5	0020
LITE-ON ELECTRONIC	002301	1	0023	PACIFIC CONSTRUCTION	002506	1	0025
LITE-ON TECHNOLOGY CORPORATION	002346	1	0023	PACIFIC ELECTRIC WIRE CABLE	001602	1	0016
LONG BON DEVELOPMENT	002514	1	0025	PACIFIC ENTERPRISES	001415	1	0014
LONG CHEN PAPER	001909	1	0019	PAN JIT INTERNATIONAL INC.	002481	1	0024
LOOP TELECOMMUNICATION INTERNATIONAL INC	003025	1	0030	PAN OVERSEAS CORP.	002904	1	0029
LUCKY CEMENT CORPORATION	001108	1	0011	PAN OVERSEAS ELECTRONIC CO LTD	002370	1	0023
LUCKY TEXTILE	001425	1	0014	PAN-INTERNATIONAL	002328	1	0023
LUNG HWA ELECTRONICS CO LTD	002424	1	0024	PAO SHIANG INDUSTRIAL	002525	1	0025
LUXE ELECTRIC CO LTD	001529	1	0015	PAO SHIANG INDUSTRIAL - PREFERRED	002525	5	0025
LUXON ELECTRONICS CORPORATION	002389	1	0023	PAOLONG INTERNATIONAL	001906	1	0019
MACRONIX INTERNATIONAL	002337	1	0023	PHIHONG ENTERPRISE CO LTD	002457	1	0024
MAG TECHNOLOGY	002358	1	0023	PHOENIX PRECISION TECHNOLOGY	002446	1	0024
MAO BAO CHEMICAL PRODUCTS	001732	1	0017	PHOENIXTEC ENGINEERING	001534	1	0015
MAO SHUN	009942	1	0099	PHOENIXTEC POWER	002411	1	0024
MASTER HOME FURNITURE	009913	1	0099	PICVUE ELECTRONICS	002333	1	0023
MASTERLINK SECURITIES CORPORATION	002856	1	0028	PIHSIANG MACHINERY MFG. CO., LTD.	001729	1	0017

COMPANY NAME	COID	STKTYP	INDID	COMPANY NAME	COID	STKTYP	INDID
POLARIS SECURITIES CO LTD	002854	1	0028	SILICON INTEGRATED SYSTEMS CORP.	002363	1	0023
POTRANS ELECTICAL CORP LTD	002378	1	0023	SILICONWARE PRECISION INDUSTRIES CO.	002325	1	0023
POU CHEN	009904	1	0099	SILITEK	002310	1	0023
POWERCOM CO LTD	003043	1	0030	SIN-YIH CERAMIC	001806	1	0018
PRECISION SILICON CORP	003016	1	0030	SIN-YIH CERAMIC --PREFERRED	001806	5	0018
PREMIER CAMERA TAIWAN LTD	002394	1	0023	SINBON ELECTRONICS CO LTD	003023	1	0030
PREMIER MICROELECTRONICS DEVELOPMENT	001453	1	0014	SINCERE NAVIGATION	002605	1	0026
PRESIDENT CHAIN STORE CORP.	002912	1	0029	SINKANG INDUSTRIES CO LTD	002032	1	0020
PRESIDENT SECURITIES CORP	002855	1	0028	SINKONG SPINNING	001419	1	0014
PRIMAX ELECTRONICS	002336	1	0023	SINO-JAPAN INTERNATIONAL	001212	1	0012
PRIME OPTICAL FIBER CORPORATION	002496	1	0024	SINON	001712	1	0017
PRINCE HOUSING DEVELOPMENT CORP.	002511	1	0025	SINOPAC HOLDING	002890	1	0028
PRINTED WIRE CORPORATION	002435	1	0024	SINPHAR PHARMACEUTICAL CO LTD	001734	1	0017
PROCOMP INFORMATICS LTD	002398	1	0023	SINTEX PHOTRONIC CORP	003049	1	0030
PRODISC TECHNOLOGY INCORPORATION	002396	1	0023	SINYI REALTY	009940	1	0099
PROMISE TECHNOLOGY INC	003057	1	0030	SIWARD CRYSTAL TECHNOLOY CO., LTD	002484	1	0024
PROTOP INNOTECH INC	002410	1	0024	SOLELYTEX INDUSTRIAL CO LTD	001471	1	0014
Q-RUN TECHNOLOGY	002354	1	0023	SOLOMON TECHNOLOGY	002359	1	0023
QUALITEK ELECTRONICS CO LTD	002429	1	0024	SOUTH CHINA INSURANCE CO LTD	002848	1	0028
QUANTA COMPUTER INCORPORATION	002382	1	0023	SOUTHEAST CEMENT	001110	1	0011
QUANTA DISPLAY INC	003012	1	0030	SOUTHEAST SODA	001708	1	0017
RADIUM LIFE TECH CO LTD	002547	1	0025	SOUTHERN INFORMATION SYSTEM INC.	002445	1	0024
RALEC ELECTRONIC CORPORATION	002437	1	0024	SPACE SHUTTLE HI-FI WIRE AND CABLE INDUSTRY CO LTD	002440	1	0024
REALTEK SEMICONDUCTOR CORP	002379	1	0023	SPI ELECTRONIC CO LTD	003015	1	0030
RECTRON LTD.	002302	1	0023	SPIROX CORPORATION	003055	1	0030
REWARD WOOL	001423	1	0014	SPRINGSOFT INC.	002473	1	0024
REXON INDUSTRIAL	001515	1	0015	STANDARD CHEM AND PHARM	001720	1	0017
RIGHT WAY INDUSTRIAL	001506	1	0015	STANDARD FOODS TAIWAN	001227	1	0012
RITEK	002349	1	0023	STARK TECHNOLOGY INC.	002480	1	0024
RUENTEX CONSTRUCTION & DEVELOP. CO.,LTD.-PREFERRED	002513	5	0025	SUMAGH TEXTILE CO LTD	001475	1	0014
RUENTEX CONSTRUCTION & DEVELOPMENT CO., LTD.	002513	1	0025	SUMMIT COMPUTER TECHNOLOGY CO., LTD	002490	1	0024
RUENTEX INDUSTRIES INC	001420	1	0014	SUN HOME LEATHER CORP.	001317	1	0013
S & T COPPER INDUSTRIES	002026	1	0020	SUN SPLENDOR CO. LTD.	002531	1	0025
SAKURA DEVELOPMENT CO., LTD.	002539	1	0025	SUN YAD PLASTIC FIBERS	001316	1	0013
SAMPO	001604	1	0016	SUNKO INK CO LTD	001721	1	0017
SAN FANG CHEMICAL	001307	1	0013	SUNONWEALTH ELECTRIC MACHINE INDUSTRY CO LTD	002421	1	0024
SAN FU MOTOR	002202	1	0022	SUNPLUS TECHNOLOGY CO LTD	002401	1	0024
SANYANG INDUSTRY	002206	1	0022	SUNRACE ROOTS ENT CO LTD	001526	1	0015
SANYO ELECTRIC	001614	1	0016	SUNREX TECHNOLOGY CORP	002387	1	0023
SDI CORPORATION	002351	1	0023	SYNNEX TECHNOLOGY INTERNATIONAL CORP.	002347	1	0023
SENAO INTERNATIONAL CO LTD	002450	1	0024	SYSCOM COMPUTER ENGINEERING CO LTD	002453	1	0024
SHAN-LOONG TRANS	002616	1	0026	SYSTEX CORPORATION	002343	1	0023
SHENG YU STEEL	002029	1	0020	TA CHEN STAINLESS PIPE	002027	1	0020
SHIHLIN ELECTRIC & ENGINEERING	001503	1	0015	TA CHONG BANK LTD	002847	1	0028
SHIHLIN PAPER	001903	1	0019	TA JUNG TRANSPORTATION	002608	1	0026
SHIN FUONG ELECTRIC CABLE & WIRE	001690	1	0016	TA MING FIBERS	001405	1	0014
SHIN HAI GAS CORP	009926	1	0099	TA NUN	001706	1	0017
SHIN KONG FINANCIAL HOLDING CO LTD	002888	1	0028	TA YA ELECTRONIC WIRE & CABLE	001609	1	0016
SHIN KONG LIFE INSURANCE	002818	1	0028	TA YIH INDUSTRIAL	001521	1	0015
SHIN SHIN NATURAL GAS	009918	1	0099	TA-I TECHNOLOGY CO., LTD	002478	1	0024
SHIN SHIN SUPERMARKET	002901	1	0029	TAH CHUNG STEEL CORPORATION	002004	1	0020
SHIN TAI INDUSTRY CO LTD	001235	1	0012	TAH SHIN INDUSTRIAL CORP.	001315	1	0013
SHIN YEN INDUSTRIAL	001431	1	0014	TAH TONG TEXTILE	001441	1	0014
SHIN YIH FIBER	001450	1	0014	TAI FANG CON. & DEV. CO	001228	1	0012
SHINE CHI WOOLLEN MILL	001429	1	0014	TAI ROUN PRODUCTS CO., LTD.	001220	1	0012
SHINIH ENTERPRISE CO LTD	009944	1	0099	TAI YU PRODUCTS CORPORATION	009932	1	0099
SHINKONG INSURANCE CO LTD	002850	1	0028	TAI-I ELECTRIC WIRE & CABLE	001613	1	0016
SHINKONG SYNTHETIC FIBERS	001409	1	0014	TAIAN ELECTRIC	001510	1	0015
SHUTTLE INC	002405	1	0024	TAICHUNG BUSINESS BANK - TCCB	002812	1	0028
SILICON APPLICATION CORP.	002470	1	0024	TAICHUNG MACHINERY WORKS	001508	1	0015

COMPANY NAME	COID	STKTYP	INDID	COMPANY NAME	COID	STKTYP	INDID
TAINAN BUSINESS BANK	002809	1	0028	THE FIRST INSURANCE CO LTD	002852	1	0028
TAINAN ENTERPRISES CO LTD	001473	1	0014	THE GREAT TAIPEI GAS	009908	1	0099
TAINAN SPINNING	001440	1	0014	THINKING ELECTRONIC INDUSTRIAL CO LTD	002428	1	0024
TAIPEI BANK	002830	1	0028	THYE MING INDUSTRIAL CO LTD	009927	1	0099
TAISHIN FINANCIAL HOLDING CO LTD	002887	1	0028	TIDEHOLD	009902	1	0099
TAISHIN FINANCIAL HOLDING CO LTD	002887	5	0028	TNC INDUSTRIAL	001724	1	0017
TAISHIN INTERNATIONAL BANK CO LTD	002844	1	0028	TON YI INDUSTRIAL CORPORATION	009907	1	0099
TAISHIN INTERNATIONAL BANK CO LTD - PREFERRED	002844	5	0028	TON YI INDUSTRIAL CORPORATION - PREFERRED	009907	5	0099
TAISUN ENTERPRISES	001218	1	0012	TONG LUNG METAL INDUSTRY	009920	1	0099
TAISUN ENTERPRISES - PREFERRED	001218	5	0012	TONG YANG INDUSTRY	001319	1	0013
TAITA CHEMICAL	001309	1	0013	TONG-HWA SYNTHETIC FIBER	001418	1	0014
TAITUNG BUSINESS BANK	002811	1	0028	TONLIN DEPARTMENT STORE	002910	1	0029
TAIWAN ACCEPTANCE	009941	1	0099	TOP CONSTRUCTION & DEVELOPMENT	002532	1	0025
TAIWAN BUSINESS BANK	002834	1	0028	TRANSCEND INFORMATION INC.	002451	1	0024
TAIWAN CELLULAR CORPORATION	003045	1	0030	TRI OCEAN TEXTILE CO LTD	001472	1	0014
TAIWAN CEMENT	001101	1	0011	TRIPOD TECHNOLOGY CORPORATION	003044	1	0030
TAIWAN CEMENT	001101	5	0011	TSANN KUEN ENTERPRISE CO LTD	002430	1	0024
TAIWAN DEVELOPMENT AND TRUST CORPORATION	002841	1	0028	TSIN TSIN	001204	1	0012
TAIWAN FERTILIZER CO LTD	001722	1	0017	TTET UNION CORPORATION	001232	1	0012
TAIWAN FIRE & MARINE INSURANCE	002832	1	0028	TUNG HO STEEL	002006	1	0020
TAIWAN FLUORESCENT	001601	1	0016	TUNG HO TEXTILE	001414	1	0014
TAIWAN FU HSING INDUSTRIAL	009924	1	0099	TUNG KAI TECHNOLOGY ENGINEERING CO LTD	003018	1	0030
TAIWAN GLASS	001802	1	0018	TUNG KUANG ENTERPRISES	002003	1	0020
TAIWAN GREEN POINT ENTERPRISES CO LTD	003007	1	0030	TUNTEX DISTINCT	001462	1	0014
TAIWAN HON CHUAN ENTERPRISE CO., LTD	009939	1	0099	TURBOCOMM TECH INC	002494	1	0024
TAIWAN INDUSTRIAL DEVELOP. CO	002914	1	0029	TWINHEAD INTERNATIONAL CORP.	002364	1	0023
TAIWAN INTERNATIONAL LINE	002602	1	0026	TXC CORPORATION	003042	1	0030
TAIWAN IRON MANUFACTURING	002001	1	0020	TYC BROTHER INDUSTRIAL	001522	1	0015
TAIWAN KAI YIH INDUSTRIAL CO LTD	001523	1	0015	TYCOONS GROUP ENTERPRISE	002022	1	0020
TAIWAN LIFE INSURANCE CO., LTD.	002833	1	0028	TYNTEK CORPORATION	002426	1	0024
TAIWAN LINE TEK ELECTRONIC CO., LTD	002462	1	0024	TZE SHING INTERNATIONAL CO LTD	002611	1	0026
TAIWAN MACHINERY	001501	1	0015	U-LEAD INDUSTRY	002005	1	0020
TAIWAN MACHINERY - PREFERRED	001501	5	0015	U-MING MARINE	002606	1	0026
TAIWAN MASK	002338	1	0023	U-TECH MEDIA CORPORATION	003050	1	0030
TAIWAN NAVIGATION CO LTD	002617	1	0026	UB OFFICE SYSTEMS INC.	009922	1	0099
TAIWAN PAIHO LTD	009938	1	0099	ULEAD SYSTEMS, INC	002487	1	0024
TAIWAN PAPER	001902	1	0019	ULTRA SOURCE TECHNOLOGY CORP	003020	1	0030
TAIWAN PINEAPPLE	001206	1	0012	UNEEC	003013	1	0030
TAIWAN POLYPROPYLENE	001311	1	0013	UNI-PRESIDENT ENTERPRISES CORP	001216	1	0012
TAIWAN SAKURA	009911	1	0099	UNIFORM INDUSTRIAL CORP.	002482	1	0024
TAIWAN SECOM CO., LTD	009917	1	0099	UNIGLORY MARINE	002604	1	0026
TAIWAN SEMICONDUCTOR MANUFACTURING	002330	1	0023	UNIMICRON TECHNOLOGY CORP	003037	1	0030
TAIWAN STYRENE MONOMER	001310	1	0013	UNION BANK OF TAIWAN	002838	1	0028
TAIWAN SYNTHETIC RUBBER	002103	1	0021	UNION INSURANCE	002816	1	0028
TAIWAN SYNTHETIC RUBBER - PREFERRED	002103	5	0021	UNION LEATHER & PRINTING	001306	1	0013
TAIWAN TAFFETA FABRIC	001454	1	0014	UNION PETROCHEMICAL TECHNOLOGY CORPORATION	001313	1	0013
TAIWAN TEA CORPORATION	002913	1	0029	UNITECH ELECTRONICS CO LTD	002414	1	0024
TAIWAN TEA CORPORATION - PREFERRED	002913	5	0029	UNITECH PRINTED CIRCUIT BOARD CORP.	002367	1	0023
TAIWAN-SOK SHINKONG SERCURITY	009925	1	0099	UNITED CERAMICS	001807	1	0018
TAROKO TEXTILE	001432	1	0014	UNITED EPITAXY COMPANY LTD	002422	1	0024
TATUNG	002371	1	0023	UNITED INFORMATION SYSTEMS CO LTD	002404	1	0024
TEAPO ELECTRONIC CORPORATION	002375	1	0023	UNITED MICRO ELECTRONICS	002303	1	0023
TECO ELECTRIC & MACHINERY	001504	1	0015	UNITED MICRO ELECTRONICS - PREFERRED	002303	5	0023
TECOM CO., LTD.	002321	1	0023	UNITED NYLON CORP.	001404	1	0014
TEN REN TEA CO LTD	001233	1	0012	UNITED WORLD CIHINESE COMMERCIAL BANK	002826	1	0028
TEST RESEARCH INC	003030	1	0030	UNITY OPTO TECHNOLOGY CO LTD	002499	1	0024
TEST RITE	002908	1	0029	UNIVERSAL CEMENT	001104	1	0011
TEX-RAY INDUSTRIAL CO LTD	001467	1	0014	UNIVERSAL INCORPORATION (UK)	001325	1	0013
THE CHINESE BANK	002831	1	0028	UNIVERSAL MICROELECTRONICS CO LTD	002413	1	0024
THE FARMERS BANK OF CHINA	002822	1	0028	UNIVERSAL SCIENTIFIC INDUSTRIAL	002350	1	0023

COMPANY NAME	COID	STKTYP	INDID	COMPANY NAME	COID	STKTYP	INDID
UNIVERSAL TEXTILE CO., LTD.	001445	1	0014	YEUN CHYANG INDUSTRIAL	002034	1	0020
USI FAR EAST	001304	1	0013	YI JINN INDUSTRIAL	001457	1	0014
VE WONG	001203	1	0012	YIEH LOONG CO., LTD.	002014	1	0020
VEUTRON CORPORATION	002348	1	0023	YIEH LOONG CO., LTD. - PREFERRED	002014	5	0020
VIA TECHNOLOGIES INC	002388	1	0023	YIEH PHUI ENTERPRISE	002023	1	0020
VISUAL PHOTONICS EPITAXY CO LTD	002455	1	0024	YIEH-HSING	002007	1	0020
WAH LEE INDUSTRIAL CORP	003010	1	0030	YIEH-HSING - A PREFERRED	002007	5	0020
WALSIN LIHWA WIRE AND CABLE	001605	1	0016	YONYU PLASTICS CO LTD	001323	1	0013
WALSIN TECHNOLOGY CORPORATION	002492	1	0024	YOSUN INDUSTRIAL CORP	002403	1	0024
WAN HAI LINES	002615	1	0026	YU CHEN DEVELOPMENT	001412	1	0014
WAN HWA ENTERPRISE	002701	1	0027	YU FOUNG INTERNATION GROUP	001438	1	0014
WAN YU PAPER	001908	1	0019	YU-HO FIBER	001411	1	0014
WATERLAND FINANCIAL HOLDINGS	002889	1	0028	YUAN I INDUSTRIAL	001428	1	0014
WEI CHIH STEEL INDUSTRIAL	002028	1	0020	YUAN JEN ENTERPRISES CO LTD	001725	1	0017
WEI CHUAN FOOD	001201	1	0012	YUAN YI AGRICULTURAL & LIVESTOCK	001222	1	0012
WEIKENG INDUSTRIAL CO LTD	003033	1	0030	YUEN FOONG YU PAPER MANUFACTURING	001907	1	0019
WELL COMMUNICATION CORP	003039	1	0030	YUEN FOONG YU PAPER MANUFACTURING - A PREFERRED	001907	5	0019
WELTREND SEMICONDUCTOR INC	002436	1	0024	YUEN FOONG YU PAPER MANUFACTURING - B PREFERRED	001907	6	0019
WEY WAND SOY & CANNING	001205	1	0012	YUH CHEN CONSTRUCTION	002533	1	0025
WINDBOND ELECTRONIC CORPORATION	002344	1	0023	YULON MOTOR	002201	1	0022
WINTECH MICROELECTRONICS CO LTD	003036	1	0030	YUNG CHI PAINT AND VARNISH MFG CO LTD	001726	1	0017
WINTEK CORPORATION	002384	1	0023	YUNG KANG INDUSTRIAL DEVELOPMENT	001106	1	0011
WISHER INDUSTRIAL CO.	001465	1	0014	YUNG SHIN PHARMACEUTICAL	001716	1	0017
WORLD PEACE INDUSTRIAL CO LTD	002416	1	0024	YUNG TAY ENGINEERING	001507	1	0015
WUS PRINTED CIRCUIT CO., LTD.	002316	1	0023	ZENITRON CORPORATION	003028	1	0030
YA HSIN INDUSTRIAL CO LTD	002418	1	0024	ZERO ONE TECHNOLOGY CO LTD	003029	1	0030
YAGEO CORP.	002327	1	0023	ZIG SHENG INDUSTRIAL CO.,LTD.	001455	1	0014
YANG IRON	001505	1	0015	ZINWELL CORPORATION	002485	1	0024
YANG MING MARINE TRANSPORT CORP.	002609	1	0026	ZIPPY TECHNOLOGY CORP	002420	1	0024
YANIN LEATHER CO LTD	001322	1	0013	ZYXEL COMMUNICATIONS CORPORATION	002391	1	0023
YEU TYAN MACHINERY MFG.	002203	1	0022				

COID	STKTYP	COMPANY NAME	INDID	COID	STKTYP	COMPANY NAME	INDID
001101	1	TAIWAN CEMENT	0011	001315	1	TAH SHIN INDUSTRIAL CORP.	0013
001101	5	TAIWAN CEMENT	0011	001316	1	SUN YAD PLASTIC FIBERS	0013
001102	1	ASIA CEMENT	0011	001317	1	SUN HOME LEATHER CORP.	0013
001103	1	CHIA HSIN CEMENT	0011	001319	1	TONG YANG INDUSTRY	0013
001104	1	UNIVERSAL CEMENT	0011	001320	1	DAHIN	0013
001106	1	YUNG KANG INDUSTRIAL DEVELOPMENT	0011	001321	1	OCEAN PLASTICS CO LTD	0013
001107	1	CHIEN TAI CEMENT	0011	001322	1	YANIN LEATHER CO LTD	0013
001108	1	LUCKY CEMENT CORPORATION	0011	001323	1	YONYU PLASTICS CO LTD	0013
001109	1	HSING TA CEMENT CO., LTD.	0011	001324	1	GLOBE INDUSTRIES CORPORATION	0013
001110	1	SOUTHEAST CEMENT	0011	001325	1	UNIVERSAL INCORPORATION (UK)	0013
001201	1	WEI CHUAN FOOD	0012	001402	1	FAR EAST TEXTILE	0014
001203	1	VE WONG	0012	001404	1	UNITED NYLON CORP.	0014
001204	1	TSIN TSIN	0012	001405	1	TA MING FIBERS	0014
001205	1	WEY WAND SOY & CANNING	0012	001406	1	KUO HWA CHEMICAL	0014
001206	1	TAIWAN PINEAPPLE	0012	001407	1	HUALON-TEIJRAN	0014
001207	1	CHIA HSIN FOOD & SYNTHETIC FIBLER CO	0012	001407	5	HUALON-TEIJRAN - PREFERRED	0014
001208	1	ALL SINCERE INDUSTRIAL	0012	001408	1	CHUNG SHING TEXTILE	0014
001209	1	EAGLE HOLDING	0012	001409	1	SHINKONG SYNTHETIC FIBERS	0014
001210	1	GREAT WALL ENTERPRISE	0012	001410	1	NAN-YANG DYEING & FINISHING	0014
001212	1	SINO-JAPAN INTERNATIONAL	0012	001411	1	YU-HO FIBER	0014
001213	1	OCEANIC BEVERAGE CO., IND.	0012	001412	1	YU CHEN DEVELOPMENT	0014
001214	1	AGRICOL TURAL INDUSTRIAL	0012	001413	1	HUNG CHOU CHEMICAL	0014
001215	1	CHAROEN POK PHAND ENTERPRISES (TAIWAN)	0012	001414	1	TUNG HO TEXTILE	0014
001216	1	UNI-PRESIDENT ENTERPRISES CORP	0012	001415	1	PACIFIC ENTERPRISES	0014
001217	1	A.G.V. PRODUCTS	0012	001416	1	KWONG FONG INDUSTRIES	0014
001217	5	A.G.V. PRODUCTS - PREFERRED	0012	001417	1	CARNIVAL	0014
001218	1	TAISUN ENTERPRISES	0012	001418	1	TONG-HWA SYNTHETIC FIBER	0014
001218	5	TAISUN ENTERPRISES - PREFERRED	0012	001419	1	SINKONG SPINNING	0014
001219	1	FWU SOW PRODUCTS	0012	001420	1	RUENTEX INDUSTRIES INC	0014
001220	1	TAI ROUN PRODUCTS CO., LTD.	0012	001421	1	CHING MEI PRINTING DYEING	0014
001221	1	CHOU CHIN INDUSTRIAL CO., LTD.	0012	001422	1	MAXIM INTERNATIONAL	0014
001222	1	YUAN YI AGRICULTURAL & LIVESTOCK	0012	001423	1	REWARD WOOL	0014
001224	1	HUI SHUNG AGR. & FOOD	0012	001424	1	NEW EAST TEXTILE	0014
001225	1	FORMOSA OILSEED PROCESSING	0012	001425	1	LUCKY TEXTILE	0014
001226	1	LEE TAH FARM INDUSTRIES	0012	001427	1	GENERAL FABRIC COMPANY	0014
001227	1	STANDARD FOODS TAIWAN	0012	001428	1	YUAN I INDUSTRIAL	0014
001228	1	TAI FANG CON. & DEV. CO	0012	001429	1	SHINE CHI WOOLLEN MILL	0014
001229	1	LIEN HWA INDUSTRIAL	0012	001430	1	CHAN CHUN TEXTILE	0014
001230	1	ACE UNION FOODS CORPORATION	0012	001431	1	SHIN YEN INDUSTRIAL	0014
001231	1	LIAN HWA FOODS	0012	001432	1	TAROKO TEXTILE	0014
001232	1	TTET UNION CORPORATION	0012	001433	1	FORMOSA CHEMICAL & FIBER	0014
001233	1	TEN REN TEA CO LTD	0012	001434	1	FORMOSA TAFFETA CO., LTD.	0014
001234	1	HEY-SONG CORPORATION	0012	001435	1	CHUN FU TEXTILE	0014
001235	1	SHIN TAI INDUSTRY CO LTD	0012	001436	1	FU I IND.	0014
001236	1	HUNYA FOODS	0012	001437	1	G.T.M.	0014
001301	1	FORMOSA PLASTIC	0013	001438	1	YU FOUNG INTERNATION GROUP	0014
001302	1	CATHAY PLASTIC	0013	001439	1	CHU WA WOOL	0014
001303	1	NAN YA PLASTIC	0013	001440	1	TAINAN SPINNING	0014
001304	1	USI FAR EAST	0013	001441	1	TAH TONG TEXTILE	0014
001305	1	CHINA GENERAL PLASTICS CORPORATION	0013	001442	1	ADVANCETEK ENTERPRISE CO LTD	0014
001306	1	UNION LEATHER & PRINTING	0013	001443	1	LILY TEXTILE	0014
001307	1	SAN FANG CHEMICAL	0013	001444	1	LEALEA ENTERPRISE	0014
001308	1	ASIA POLYMER	0013	001444	5	LEALEA ENTERPRISE - PREFERRED	0014
001309	1	TAITA CHEMICAL	0013	001445	1	UNIVERSAL TEXTILE CO., LTD.	0014
001310	1	TAIWAN STYRENE MONOMER	0013	001446	1	HONG HO PRECISION TEXTILE CO., LTD.	0014
001311	1	TAIWAN POLYPROPYLENE	0013	001447	1	LI PENG ENTERPRISE	0014
001312	1	GRAND PACIFIC PETROCHEMICAL	0013	001448	1	KING TEXTILE	0014
001312	5	GRAND PACIFIC PETROCHEMICAL - PREFERRED	0013	001449	1	CHIA HER INDUSTRIAL CO., LTD.	0014
001313	1	UNION PETROCHEMICAL TECHNOLOGY CORPORATION	0013	001449	5	CHIA HER INDUSTRIAL CO., LTD.-PREFERRED	0014
001314	1	CHINA PETROCHEMICAL DEP. CORP.	0013	001450	1	SHIN YIH FIBER	0014

COID	STKTYP	COMPANY NAME	INDID	COID	STKTYP	COMPANY NAME	INDID
001451	1	NIEN HSING TEXTILE	0014	001536	1	HOTA INDUSTRIAL MFG.	0015
001452	1	HONG YI FIBER INDUSTRIAL	0014	001537	1	KUNG LONG BATTERIES INDUSTRIAL CO LTD	0015
001453	1	PREMIER MICROELECTRONICS DEVELOPMENT	0014	001538	1	JENN FENG INDUSTRIAL CO LTD	0015
001454	1	TAIWAN TAFFETA FABRIC	0014	001539	1	GEETECH	0015
001455	1	ZIG SHENG INDUSTRIAL CO.,LTD.	0014	001540	1	JOHNFORD	0015
001456	1	I-HWA INDUSTRIAL	0014	001601	1	TAIWAN FLUORESCENT	0016
001457	1	YI JINN INDUSTRIAL	0014	001602	1	PACIFIC ELECTRIC WIRE CABLE	0016
001458	1	CHIA HSIN LIVESTOCK	0014	001603	1	CHINA WIRE & CABLE	0016
001459	1	LAN FA TEXTILE	0014	001603	5	CHINA WIRE & CABLE - PREFERRED	0016
001460	1	EVEREST TEXTILE	0014	001604	1	SAMPO	0016
001461	1	KING-WEI TEXTILE	0014	001605	1	WALSIN LIHWA WIRE AND CABLE	0016
001462	1	TUNTEX DISTINCT	0014	001606	1	KOLIN	0016
001463	1	CHYANG SHENG DYEING & FINISHING	0014	001607	1	NEW ASIA	0016
001464	1	DELICACY INDUSTRIAL	0014	001608	1	HUA ENG WIRE & CABLE	0016
001465	1	WISHER INDUSTRIAL CO.	0014	001609	1	TA YA ELECTRONIC WIRE & CABLE	0016
001466	1	ACELON CHEMICALS & FIBER CORPORATION	0014	001611	1	CHINA ELECTRIC MANUFACTURE	0016
001467	1	TEX-RAY INDUSTRIAL CO LTD	0014	001612	1	HONG TAI ELECTRONIC INDUSTRIAL	0016
001468	1	CHANG HO FIBRE CORPORATION	0014	001613	1	TAI-I ELECTRIC WIRE & CABLE	0016
001469	1	LILONTEX TEXTILE CO LTD	0014	001614	1	SANYO ELECTRIC	0016
001470	1	EVERTEX DYEING AND FINISHING CO LTD	0014	001615	1	DAH SAN ELECTRIC WIRE AND CABLE CO LTD	0016
001471	1	SOLELYTEX INDUSTRIAL CO LTD	0014	001616	1	EVERTOP WIRE CABLE CORPORATION	0016
001472	1	TRI OCEAN TEXTILE CO LTD	0014	001617	1	JUNG SHING WIRE CO LTD	0016
001473	1	TAINAN ENTERPRISES CO LTD	0014	001618	1	HOLD-KEY ELECTRIC WIRE AND CABLE CO LTD	0016
001474	1	HONMYUE ENTERPRISES CO LTD	0014	001690	1	SHIN FUONG ELECTRIC CABLE & WIRE	0016
001475	1	SUMAGH TEXTILE CO LTD	0014	001701	1	CHINA CHEMICAL	0017
001476	1	ECLAT TEXTILE CO., LTD	0014	001702	1	NAMCHOW CHEMICAL	0017
001501	1	TAIWAN MACHINERY	0015	001704	1	LEE CHANG YUNG CHEMICAL INDUSTRY	0017
001501	5	TAIWAN MACHINERY - PREFERRED	0015	001705	1	CHENG HONG CHEMICAL	0017
001503	1	SHIHLIN ELECTRIC & ENGINEERING	0015	001706	1	TA NUN	0017
001504	1	TECO ELECTRIC & MACHINERY	0015	001707	1	GRAPE KING INDUSTRY	0017
001505	1	YANG IRON	0015	001708	1	SOUTHEAST SODA	0017
001506	1	RIGHT WAY INDUSTRIAL	0015	001709	1	FORMOSAN UNION CHEMICAL	0017
001507	1	YUNG TAY ENGINEERING	0015	001710	1	ORIENTAL UNION CHEMICAL	0017
001508	1	TAICHUNG MACHINERY WORKS	0015	001711	1	EVERLIGHT CHEMICAL	0017
001509	1	ENSURE CO., LTD.	0015	001712	1	SINON	0017
001510	1	TAIAN ELECTRIC	0015	001713	1	CATHAY CHEMICAL	0017
001512	1	JUI LI ENTERPRISE	0015	001714	1	HO TUNG CHEMICAL CORP.	0017
001513	1	CHUNG HSIN ELECTRIC AND MACHINERY	0015	001715	1	ASIA CHEMICAL CORPORATION	0017
001514	1	ALLIS ELECTRIC	0015	001715	5	ASIA CHEMICAL CORPORATION -- PREFERRED	0017
001515	1	REXON INDUSTRIAL	0015	001716	1	YUNG SHIN PHARMACEUTICAL	0017
001516	1	FALCON CYCLE-PARTS	0015	001717	1	ETERNAL CHEMICAL COMPANY, LIMTED	0017
001517	1	LEE CHI	0015	001718	1	CHINA MANMADE FIBERS	0017
001518	1	APEX SCIENCE AND ENGINERRING	0015	001720	1	STANDARD CHEM AND PHARM	0017
001519	1	FORTUNE ELECTRIC CO., LTD.	0015	001721	1	SUNKO INK CO LTD	0017
001520	1	FU SHENG INDUSTRIAL	0015	001722	1	TAIWAN FERTILIZER CO LTD	0017
001521	1	TA YIH INDUSTRIAL	0015	001723	1	CHINA STEEL CHEMICAL CORP	0017
001522	1	TYC BROTHER INDUSTRIAL	0015	001724	1	TNC INDUSTRIAL	0017
001523	1	TAIWAN KAI YIH INDUSTRIAL CO LTD	0015	001725	1	YUAN JEN ENTERPRISES CO LTD	0017
001524	1	GORDON AUTO BODY PARTS CO LTD	0015	001726	1	YUNG CHI PAINT AND VARNISH MFG CO LTD	0017
001525	1	KIAN SHEN CORPORATION	0015	001727	1	CHUNG HWA CHEMICAL INDUSTRIAL WORKS LTD	0017
001526	1	SUNRACE ROOTS ENT CO LTD	0015	001729	1	PIHSIANG MACHINERY MFG. CO., LTD.	0017
001527	1	BASSO INDUSTRY CORP	0015	001730	1	FARCENT ENTERPRISE	0017
001528	1	ANDERSON INDUSTRIAL CORP	0015	001731	1	MAYWUFA CO., LTD.	0017
001529	1	LUXE ELECTRIC CO LTD	0015	001732	1	MAO BAO CHEMICAL PRODUCTS	0017
001530	1	AWEA MECHANTRONIC CO LTD	0015	001733	1	APEX BIOTECHNOLOGY	0017
001531	1	KAULIN MFG CO LTD	0015	001734	1	SINPHAR PHARMACEUTICAL CO LTD	0017
001532	1	CHINA METAL PRODUCTS CO LTD	0015	001735	1	EVERMORE CHEMICAL INDUSTRY CO LTD	0017
001533	1	MOBILETRON ELECTRONICS CO.,LTD	0015	001801	1	HSIN CHU GLASS	0018
001534	1	PHOENIXTEC ENGINEERING	0015	001802	1	TAIWAN GLASS	0018
001535	1	CHINA ECOTEK	0015	001803	1	GREAT CHINA INDUSTRIAL	0018

COID	STKTYP	COMPANY NAME	INDID	COID	STKTYP	COMPANY NAME	INDID
001805	1	K.P.T.	0018	002102	1	FEDERAL CORPORATION	0021
001805	5	K.P.T. - PREFERRED	0018	002103	1	TAIWAN SYNTHETIC RUBBER	0021
001806	1	SIN-YIH CERAMIC	0018	002103	5	TAIWAN SYNTHETIC RUBBER - PREFERRED	0021
001806	5	SIN-YIH CERAMIC --PREFERRED	0018	002104	1	CHINA SYNTHETIC RUBBER	0021
001807	1	UNITED CERAMICS	0018	002105	1	CHENG SHIN RUBBER INDUSTRIES	0021
001808	1	KUO BIN CERAMIC INDUSTRIAL	0018	002106	1	KENDA RUBBER IND.	0021
001809	1	CHINA GLAZE	0018	002107	1	FORMOSAN RUBBER GROUP	0021
001810	1	HOCHENG CORPORATION	0018	002108	1	NANTEX INDUSTRY	0021
001901	1	CHUNG HSIN PAPER	0019	002109	1	HWA FONG RUBBER IND CO LTD	0021
001901	5	CHUNG HSIN PAPER - PREFERRED	0019	002201	1	YULON MOTOR	0022
001902	1	TAIWAN PAPER	0019	002202	1	SAN FU MOTOR	0022
001903	1	SHIHLIN PAPER	0019	002203	1	YEU TYAN MACHINERY MFG.	0022
001904	1	CHENG LOONG	0019	002204	1	CHINA MOTOR CO., LTD.	0022
001905	1	CHUNG HWA PULP	0019	002205	1	CHINESE AUTOMOBILE	0022
001906	1	PAOLONG INTERNATIONAL	0019	002206	1	SANYANG INDUSTRY	0022
001907	1	YUEN FOONG YU PAPER MANUFACTURING	0019	002207	1	HOTAI MOTOR	0022
001907	5	YUEN FOONG YU PAPER MANUFACTURING - A PREFERRED	0019	002301	1	LITE-ON ELECTRONIC	0023
001907	6	YUEN FOONG YU PAPER MANUFACTURING - B PREFERRED	0019	002302	1	RECTRON LTD.	0023
001908	1	WAN YU PAPER	0019	002303	1	UNITED MICRO ELECTRONICS	0023
001909	1	LONG CHEN PAPER	0019	002303	5	UNITED MICRO ELECTRONICS - PREFERRED	0023
002001	1	TAIWAN IRON MANUFACTURING	0020	002304	1	ADVANCED DATA INTERNATIONAL CORP.(A.D.I.)	0023
002002	1	CHINA STEEL	0020	002305	1	MICROTEK INTERNATIONAL, INC.	0023
002002	5	CHINA STEEL - PREFERRED	0020	002306	1	A.C.E.R.	0023
002003	1	TUNG KUANG ENTERPRISES	0020	002307	1	GREAT ELECTRONICS & INDUSTRY	0023
002004	1	TAH CHUNG STEEL CORPORATION	0020	002308	1	DELTA ELECTRONIC	0023
002005	1	U-LEAD INDUSTRY	0020	002309	1	KO SHENG ENTERPRISES	0023
002006	1	TUNG HO STEEL	0020	002310	1	SILITEK	0023
002007	1	YIEH-HSING	0020	002311	1	A.S.E.	0023
002007	5	YIEH-HSING - A PREFERRED	0020	002312	1	KINPO ELECTRONICS, INC.	0023
002008	1	KAO HSING CHANG IRON & STEEL	0020	002313	1	COMPEQ MANUFACTURING	0023
002009	1	FIRST COPPER TECHNOLOGY	0020	002314	1	MICROELECTRONICS TECHNOLOGY INC.	0023
002010	1	CHUN YUAN STEEL	0020	002315	1	MITAC INTERNATIONAL CORP.	0023
002011	1	ORNATUBE ENTERPRISE	0020	002316	1	WUS PRINTED CIRCUIT CO., LTD.	0023
002011	5	ORNATUBE ENTERPRISE - PREFERRED	0020	002317	1	HOU HAI PRECISION INDUSTRY CO., LTD.	0023
002012	1	CHUN YU WORKS & CO., LTD.	0020	002318	1	MEGAMEDIA CORP.	0023
002013	1	CHINA STEEL STRUCTURE CO., LTD.	0020	002319	1	FIRST INTERNATIONAL COMPUTER INC.	0023
002013	5	CHINA STEEL STRUCTURE CO., LTD.-PREFERRED	0020	002319	5	FIRST INTERNATIONAL COMPUTER INC. - PREFERRED	0023
002014	1	YIEH LOONG CO., LTD.	0020	002320	1	CHUNTEX ELECTRONIC CO., LTD.	0023
002014	5	YIEH LOONG CO., LTD. - PREFERRED	0020	002321	1	TECOM CO., LTD.	0023
002015	1	FENG HSIN IRON & STEEL	0020	002322	1	GVC CORPORATION	0023
002016	1	MINCHALI METAL IND.	0020	002322	5	GVC CORPORATION - PREFERRED	0023
002017	1	CHIA I INDUSTRIAL CO.	0020	002323	1	CMC MAGNETICS CORPORATON	0023
002018	1	FENG AN METAL INDUSTRIAL CO.	0020	002323	5	CMC MAGNETICS CORPORATION - PREFERRED	0023
002019	1	KUEI HUNG INDUSTRIAL	0020	002324	1	COMPAL ELECTRONIC, INC.	0023
002020	1	MAYER STEEL PIPE CORP.	0020	002325	1	SILICONWARE PRECISION INDUSTRIES CO.	0023
002021	1	NEW SUN METAL INDUSTRY	0020	002326	1	CIS TECHNOLOGY INC.	0023
002022	1	TYCOONS GROUP ENTERPRISE	0020	002327	1	YAGEO CORP.	0023
002023	1	YIEH PHUI ENTERPRISE	0020	002328	1	PAN-INTERNATIONAL	0023
002024	1	CHIH LIEN INDUSTRIAL	0020	002329	1	ORIENT SEMICONDUCTOR ELECTRONICS	0023
002025	1	CHIEN SHING STAINLESS STEEL	0020	002330	1	TAIWAN SEMICONDUCTOR MANUFACTURING	0023
002026	1	S & T COPPER INDUSTRIES	0020	002331	1	ELITEGROUP COMPUTER SYSTERMS	0023
002027	1	TA CHEN STAINLESS PIPE	0020	002332	1	D-LINK CORPRATION	0023
002028	1	WEI CHIH STEEL INDUSTRIAL	0020	002333	1	PICVUE ELECTRONICS	0023
002029	1	SHENG YU STEEL	0020	002334	1	KUO FENG CORPORATION	0023
002030	1	JAUNG YUANN ENTERPRISE CO LTD	0020	002335	1	CHANT WORLD INTERNATIONAL	0023
002031	1	HSIN KUANG STEEL CO LTD	0020	002336	1	PRIMAX ELECTRONICS	0023
002032	1	SINKANG INDUSTRIES CO LTD	0020	002337	1	MACRONIX INTERNATIONAL	0023
002033	1	CHIA TA WORLD CO LTD	0020	002338	1	TAIWAN MASK	0023
002034	1	YEUN CHYANG INDUSTRIAL	0020	002339	1	HOLTEK MICROELECTRONICS	0023
002101	1	NAN KANG RUBBER TIRE	0021	002340	1	OPTO TECH COPORATION	0023

COID	STKTYP	COMPANY NAME	INDID	COID	STKTYP	COMPANY NAME	INDID
002341	1	BEHAVIOR TECH. COMPUTER CORP.	0023	002403	1	YOSUN INDUSTRIAL CORP	0024
002342	1	MOSEL VITELIC INC.	0023	002404	1	UNITED INFORMATION SYSTEMS CO LTD	0024
002343	1	SYSTEX CORPORATION	0023	002405	1	SHUTTLE INC	0024
002344	1	WINDBOND ELECTRONIC CORPORATION	0023	002406	1	GIGASTORAGE CORPORATION	0024
002345	1	ACCTON	0023	002407	1	ABIT COMPUTER CORPORATION	0024
002346	1	LITE-ON TECHNOLOGY CORPORATION	0023	002408	1	NANYA TECHNOLOGY CORPORATION	0024
002347	1	SYNNEX TECHNOLOGY INTERNATIONAL CORP.	0023	002409	1	ACER DISPLAY TECHNOLOGY INC (AUO)	0024
002348	1	VEUTRON CORPORATION	0023	002410	1	PROTOP INNOTECH INC	0024
002349	1	RITEK	0023	002411	1	PHOENIXTEC POWER	0024
002350	1	UNIVERSAL SCIENTIFIC INDUSTRIAL	0023	002412	1	CHUNGHWA TELECOM CO LTD	0024
002351	1	SDI CORPORATION	0023	002413	1	UNIVERSAL MICROELECTRONICS CO LTD	0024
002352	1	ACM	0023	002414	1	UNITECH ELECTRONICS CO LTD	0024
002353	1	ACER INCORPORATED	0023	002415	1	CX TECHNOLOGY CORPORATION	0024
002354	1	Q-RUN TECHNOLOGY	0023	002416	1	WORLD PEACE INDUSTRIAL CO LTD	0024
002355	1	CHIN-POON INDUSTRIAL	0023	002417	1	AVERMEDIA TECHNOLOGIES INC	0024
002356	1	INVENTEC CORPORATION	0023	002418	1	YA HSIN INDUSTRIAL CO LTD	0024
002357	1	ASUSTEK COMPUTER INC.	0023	002419	1	HITRON TECHNOLOGY INC	0024
002358	1	MAG TECHNOLOGY	0023	002420	1	ZIPPY TECHNOLOGY CORP	0024
002359	1	SOLOMON TECHNOLOGY	0023	002421	1	SUNONWEALTH ELECTRIC MACHINE INDUSTRY CO LTD	0024
002360	1	CHROMA ATE	0023	002422	1	UNITED EPITAXY COMPANY LTD	0024
002361	1	MUSTEK SYSTEMS INC.	0023	002423	1	GOOD WILL INSTRUMENT CO LTD	0024
002362	1	CLEVO CO.	0023	002424	1	LUNG HWA ELECTRONICS CO LTD	0024
002363	1	SILICON INTEGRATED SYSTEMS CORP.	0023	002425	1	CHAINTECH COMPUTER CO LTD	0024
002364	1	TWINHEAD INTERNATIONAL CORP.	0023	002426	1	TYNTEK CORPORATION	0024
002365	1	KYE SYSTEMS CORP.	0023	002427	1	MERCURIES DATA SYSTEMS LTD	0024
002366	1	ASKEY COMPUTER CO., LTD.	0023	002428	1	THINKING ELECTRONIC INDUSTRIAL CO LTD	0024
002367	1	UNITECH PRINTED CIRCUIT BOARD CORP.	0023	002429	1	QUALITEK ELECTRONICS CO LTD	0024
002368	1	GOLD CIRCUIT ELECTRONICS LTD	0023	002430	1	TSANN KUEN ENTERPRISE CO LTD	0024
002369	1	LING SEN PRECISION INDUSTRIES LTD	0023	002431	1	LIEN CHANG ELECTRONIC ENTERPRISE CO LTD	0024
002370	1	PAN OVERSEAS ELECTRONIC CO LTD	0023	002432	1	ETEN INFORMATION SYSTEMS CO LTD	0024
002371	1	TATUNG	0023	002433	1	AURORA SYSTEMS CORPORATION	0024
002373	1	AURORA CORPORATION	0023	002434	1	MOSPEC SEMICONDUCTOR CORP	0024
002374	1	ABILITY ENTERPRISE	0023	002435	1	PRINTED WIRE CORPORATION	0024
002375	1	TEAPO ELECTRONIC CORPORATION	0023	002436	1	WELTREND SEMICONDUCTOR INC	0024
002376	1	GIGA-BYTE TCHNOLOGY CO LTD	0023	002437	1	RALEC ELECTRONIC CORPORATION	0024
002377	1	MICRO-STAR INTERNATIONAL CO LTD	0023	002438	1	ENLIGHT CORPORATION	0024
002378	1	POTRANS ELECTICAL CORP LTD	0023	002439	1	MERRY ELECTRONICS CO LTD	0024
002379	1	REALTEK SEMICONDUCTOR CORP	0023	002440	1	SPACE SHUTTLE HI-FI WIRE AND CABLE INDUSTRY CO LTD	0024
002380	1	AVISION INC	0023	002441	1	GREATEK ELECTRONICS INC	0024
002381	1	ARIMA COMPUTER CORP	0023	002442	1	JEAN CO LTD	0024
002382	1	QUANTA COMPUTER INCORPORATION	0023	002443	1	LEAD DATA INC.	0024
002383	1	ELITE MATERIAL CO LTD	0023	002444	1	ABO-COM ASYSTEMS CO LTD	0024
002384	1	WINTEK CORPORATION	0023	002445	1	SOUTHERN INFORMATION SYSTEM INC.	0024
002385	1	CHICONY ELECTRONICS CO LTD	0023	002446	1	PHOENIX PRECISION TECHNOLOGY	0024
002386	1	AMBIT MICROSYSTEMS CORPORATION	0023	002447	1	DATA SYSTEM CONSULTING CO., LTD	0024
002387	1	SUNREX TECHNOLOGY CORP	0023	002448	1	EPISTAR CORPORATION	0024
002388	1	VIA TECHNOLOGIES INC	0023	002449	1	KING YUAN ELECTRONICS CO., LTD	0024
002389	1	LUXON ELECTRONICS CORPORATION	0023	002450	1	SENAO INTERNATIONAL CO LTD	0024
002390	1	EVERSPRING INDUSTRY CO LTD	0023	002451	1	TRANSCEND INFORMATION INC.	0024
002391	1	ZYXEL COMMUNICATIONS CORPORATION	0023	002452	1	CYNTEC CO., LTD	0024
002392	1	CHENG UEI PRECISION INDUSTRY CO LTD	0023	002453	1	SYSCOM COMPUTER ENGINEERING CO LTD	0024
002393	1	EVERLIGHT ELECTRONICS CO LTD	0023	002454	1	MEDIATEK INCORPORATION	0024
002394	1	PREMIER CAMERA TAIWAN LTD	0023	002455	1	VISUAL PHOTONICS EPITAXY CO LTD	0024
002395	1	ADVANTECH CO LTD	0023	002456	1	CHILISIN ELECTRONICS CORPORATION	0024
002396	1	PRODISC TECHNOLOGY INCORPORATION	0023	002457	1	PHIHONG ENTERPRISE CO LTD	0024
002397	1	DFI INC.	0023	002458	1	ELAN MICROELECTRONICS CORP	0024
002398	1	PROCOMP INFORMATICS LTD	0023	002459	1	AUDIX CORPORATION	0024
002399	1	BIOSTAR MICROTECH INT'L CORP	0023	002460	1	GEM TERMINAL IND. CO., LTD	0024
002401	1	SUNPLUS TECHNOLOGY CO LTD	0024	002461	1	K LASER TECHNOLOGY INC.	0024
002402	1	ICHIA TECHNOLOGIES INC.	0024	002462	1	TAIWAN LINE TEK ELECTRONIC CO., LTD	0024

COID	STKTYP	COMPANY NAME	INDID	COID	STKTYP	COMPANY NAME	INDID
002463	1	AAEON TECHNOLOGY INC.	0024	002525	1	PAO SHIANG INDUSTRIAL	0025
002464	1	MIRLE AUTOMATION CORPORATION	0024	002525	5	PAO SHIANG INDUSTRIAL - PREFERRED	0025
002465	1	LEADTEK RESEARCH INC.	0024	002526	1	CONTINENTAL ENGINEERING	0025
002466	1	COSMO ELECTRONICS CORP.	0024	002527	1	HUNG CHING DEVELOPMENT & CONSTRUCTION	0025
002467	1	C SUN MFG. LTD.	0024	002528	1	CROWELL DEVELOPMENT	0025
002468	1	FORTUNE INFORMATION SYSTEMS CORP.	0024	002529	1	JEN HSIAN CONSTRUCTION	0025
002469	1	LI SHIN INTERNATIONAL ENTEPRISE CO., LTD	0024	002530	1	DELPHAN CONSTRUCTION	0025
002470	1	SILICON APPLICATION CORP.	0024	002531	1	SUN SPLENDOR CO. LTD.	0025
002471	1	ARES INTERNATIOINAL CORP.	0024	002532	1	TOP CONSTRUCTION & DEVELOPMENT	0025
002472	1	LELON ELECTRONICS CO., LTD	0024	002533	1	YUH CHEN CONSTRUCTION	0025
002473	1	SPRINGSOFT INC.	0024	002534	1	HUNG SHENG	0025
002474	1	CATCHER TECHNOLOGY CO., LTD	0024	002535	1	DA-CIN CONSTRUCTION	0025
002475	1	CHUNGHWA PICTURE TUBES LTD	0024	002536	1	HUNG POO CONSTRUCTION	0025
002476	1	G-SHANK ENTERPRISE CO., LTD	0024	002537	1	EZPLACE	0025
002477	1	MEILOON INDUSTRIAL CO., LTD	0024	002538	1	KEE TAI PROPERTIES	0025
002478	1	TA-I TECHNOLOGY CO., LTD	0024	002539	1	SAKURA DEVELOPMENT CO., LTD.	0025
002479	1	HELLX TECHNOLOGY INC	0024	002540	1	LIN SAN HAO INTERNATIONAL DEVELOP.	0025
002480	1	STARK TECHNOLOGY INC.	0024	002542	1	HORNG-JIUH CONSTRUCTION CORPORATION	0025
002481	1	PAN JIT INTERNATIONAL INC.	0024	002543	1	HWANG CHANG GENERAL CORPORATION CO LTD	0025
002482	1	UNIFORM INDUSTRIAL CORP.	0024	002544	1	CHANG YIH CONSTRUCTION CO LTD	0025
002483	1	EXCEL CELL ELECTRONIC CO., LTD	0024	002545	1	HUANG HSIANG CONSTRUCTION CORPORATION	0025
002484	1	SIWARD CRYSTAL TECHNOLOY CO., LTD	0024	002546	1	KEDGE CONSTRUCTION CORP	0025
002485	1	ZINWELL CORPORATION	0024	002547	1	RADIUM LIFE TECH CO LTD	0025
002486	1	I-CHIUN PRECISION INDUSTRIAL CO., LTD	0024	002548	1	HUAKU CONSTRUCTION CO LTD	0025
002487	1	ULEAD SYSTEMS, INC	0024	002601	1	FIRST STEAMSHIP	0026
002488	1	HANPIN ELECTRON CO., LTD	0024	002602	1	TAIWAN INTERNATIONAL LINE	0026
002489	1	AMTRAN TECHNOLOGY CO., LTD	0024	002603	1	EVERGREEN MARINE	0026
002490	1	SUMMIT COMPUTER TECHNOLOGY CO., LTD	0024	002604	1	UNIGLORY MARINE	0026
002491	1	INFODISC TECHNOLOGY CO., LTD	0024	002605	1	SINCERE NAVIGATION	0026
002492	1	WALSIN TECHNOLOGY CORPORATION	0024	002606	1	U-MING MARINE	0026
002493	1	AMPOC FAR-EAST CO LTD	0024	002607	1	EVERGREEN TRANSPORT	0026
002494	1	TURBOCOMM TECH INC	0024	002608	1	TA JUNG TRANSPORTATION	0026
002495	1	INFORTREND TECHNOLOGY INC	0024	002609	1	YANG MING MARINE TRANSPORT CORP.	0026
002496	1	PRIME OPTICAL FIBER CORPORATION	0024	002610	1	CHINA AIR LINES	0026
002497	1	E-LEAD ELECTRONIC CO LTD	0024	002611	1	TZE SHING INTERNATIONAL CO LTD	0026
002498	1	HIGH TECH COMPUTER CORP	0024	002612	1	CHINESE MARITIME TRANSPORT LTD	0026
002499	1	UNITY OPTO TECHNOLOGY CO LTD	0024	002613	1	CHINA CONTAINER TERMINAL	0026
002501	1	CATHAY CONSTRUCTION	0025	002614	1	ETITC	0026
002503	1	FU SHING MANUFACTURING & LUMBER	0025	002615	1	WAN HAI LINES	0026
002504	1	GOLDSUN DEVELOPMENT & CONSTRUCTION	0025	002616	1	SHAN-LOONG TRANS	0026
002505	1	KUOYANG CONSTRUCTION	0025	002617	1	TAIWAN NAVIGATION CO LTD	0026
002506	1	PACIFIC CONSTRUCTION	0025	002618	1	EVA AIRWAYS	0026
002507	1	HWA CHEN INDUSTRY	0025	002701	1	WAN HWA ENTERPRISE	0027
002509	1	CHAIN QUI DEVELOP. CO LTD	0025	002702	1	HOTEL HOLIDAY GARDEN	0027
002511	1	PRINCE HOUSING DEVELOPMENT CORP.	0025	002703	1	IMPERIAL HOTEL	0027
002512	1	BAO-CHEN CONSTRUCTION	0025	002704	1	AMBASSADOR HOTEL	0027
002512	5	BAO-CHEN CONSTRUCTION - PREFERRED	0025	002705	1	LEOFOO DEVELOPMENT	0027
002513	1	RUENTEX CONSTRUCTION & DEVELOPMENT CO., LTD.	0025	002706	1	FIRST HOTEL	0027
002513	5	RUENTEX CONSTRUCTION & DEVELOP. CO.,LTD.-PREFERRED	0025	002707	1	FORMOSA INTERNATIONAL HOTELS CORPORATION	0027
002514	1	LONG BON DEVELOPMENT	0025	002801	1	CHANG HWA BANK	0028
002515	1	BES ENGINEERING CORPORATION	0025	002801	5	CHANG HWA BANK - PREF STOCK	0028
002516	1	NEW ASIA CONS. & DEV.	0025	002802	1	FIRST COMMERCIAL BANK	0028
002517	1	CHANG KU BUILDING	0025	002803	1	HUA NAN BANK	0028
002518	1	EVER FORTUNE	0025	002804	1	CHINA DEVELOPMENT BANK	0028
002519	1	HUNG FU CONSTRUCTION	0025	002804	5	CHINA DEVELOPMENT BANK - PREFERRED	0028
002520	1	KINGDOM CONSTRUCTION	0025	002805	1	CATHAY LIFE INSURANCE	0028
002521	1	HONG CHUNG CONSTRUCTION	0025	002806	1	INTERNATIONAL COMMERCIAL BANK OF CHINA(ICBC)	0028
002522	1	CHIEF CONSTRUCTION CORPORATION	0025	002807	1	HSINCHU INTERNATIONAL BANK	0028
002523	1	DER PAO CONSTRUCTION	0025	002808	1	INTERNATIONAL BANK OF TAIPEI	0028
002524	1	KTC	0025	002809	1	TAINAN BUSINESS BANK	0028

COID	STKTYP	COMPANY NAME	INDID	COID	STKTYP	COMPANY NAME	INDID
002810	1	KAOHSIUNG BUSINESS BANK	0028	002890	1	SINOPAC HOLDING	0028
002811	1	TAITUNG BUSINESS BANK	0028	002891	1	CHINATRUST FINANCIAL HOLDING COMPANY LTD	0028
002812	1	TAICHUNG BUSINESS BANK - TCCB	0028	002891	5	CHINATRUST FINANCIAL HOLDING COMPANY LTD	0028
002813	1	INTERNATIONAL BILLS FINANCE	0028	002901	1	SHIN SHIN SUPERMARKET	0029
002814	1	CHUNG HSING BILLS FINANCE	0028	002902	1	CHOUNGHSIM	0029
002815	1	CHINA TRUST COMMERCIAL BANK	0028	002903	1	FAR EASTERN DEPARTMENT STORE	0029
002815	5	CHINA TRUST COMMERICAL BANK - PREFERRED	0028	002904	1	PAN OVERSEAS CORP.	0029
002816	1	UNION INSURANCE	0028	002905	1	MERCURIES & ASSOCIATES	0029
002817	1	FUBON INSURANCE	0028	002906	1	COLLINS	0029
002818	1	SHIN KONG LIFE INSURANCE	0028	002906	5	COLLINS - PREFERRED	0029
002819	1	CHUNG-KUO INSURANCE CORPORATION	0028	002908	1	TEST RITE	0029
002820	1	CHINA BILLS FINANCE	0028	002910	1	TONLIN DEPARTMENT STORE	0029
002821	1	FUH-HWA SECURITIES FINANCE	0028	002911	1	LES ENPHANTS	0029
002822	1	THE FARMERS BANK OF CHINA	0028	002912	1	PRESIDENT CHAIN STORE CORP.	0029
002823	1	CHINA LIFE INSURANCE	0028	002913	1	TAIWAN TEA CORPORATION	0029
002824	1	CHIAO TUNG BANK	0028	002913	5	TAIWAN TEA CORPORATION - PREFERRED	0029
002825	1	CENTRAL INSURANCE	0028	002914	1	TAIWAN INDUSTRIAL DEVELOP. CO	0029
002826	1	UNITED WORLD CIHINESE COMMERCIAL BANK	0028	003001	1	KING'S INTERNATIONAL MULTIMEDIA CO LTD	0030
002827	1	CHINA UNITED TRUST & INVESTMENT	0028	003002	1	AHOKU ELECTRONIC COMPANY	0030
002828	1	GRAND COMMERCIAL BANK	0028	003003	1	K. S. TERMINALS INC	0030
002829	1	DAH AN COMMERCIAL BANK	0028	003004	1	NATIONAL AEROSPACE FASTENERS CORPORATION	0030
002830	1	TAIPEI BANK	0028	003005	1	MITAC TECHNOLOGY CORPORATION	0030
002831	1	THE CHINESE BANK	0028	003006	1	ELITE SEMICONDUCTOR MEMORY TECHNOLOGY INC	0030
002832	1	TAIWAN FIRE & MARINE INSURANCE	0028	003007	1	TAIWAN GREEN POINT ENTERPRISES CO LTD	0030
002833	1	TAIWAN LIFE INSURANCE CO., LTD.	0028	003008	1	LARGAN PRECISION CO LTD	0030
002834	1	TAIWAN BUSINESS BANK	0028	003009	1	CHI MEI OPTOELECTRON CORPORATION	0030
002835	1	CATHAY UNITED BANK	0028	003010	1	WAH LEE INDUSTRIAL CORP	0030
002836	1	BANK OF KAOHSIUNG CO LTD	0028	003011	1	JI-HAW INDUSTRIAL CO LTD	0030
002837	1	COSMOS BANK, TAIWAN	0028	003012	1	QUANTA DISPLAY INC	0030
002838	1	UNION BANK OF TAIWAN	0028	003013	1	UNEEC	0030
002839	1	BANK SINOPAC CO LTD	0028	003014	1	ITE TECH INC	0030
002840	1	E. SUN COMMERCIAL BANK LTD	0028	003015	1	SPI ELECTRONIC CO LTD	0030
002841	1	TAIWAN DEVELOPMENT AND TRUST CORPORATION	0028	003016	1	PRECISION SILICON CORP	0030
002842	1	FUBON COMMERCIAL BANK LTD	0028	003017	1	ASIA VITAL COMPONENTS CO LTD	0030
002843	1	ASIA PACIFIC BANK LTD	0028	003018	1	TUNG KAI TECHNOLOGY ENGINEERING CO LTD	0030
002844	1	TAISHIN INTERNATIONAL BANK CO LTD	0028	003019	1	ASIA OPTICAL CO INC	0030
002844	5	TAISHIN INTERNATIONAL BANK CO LTD - PREFERRED	0028	003020	1	ULTRA SOURCE TECHNOLOGY CORP	0030
002845	1	FAR EASTERN INTERNATIONAL BANK	0028	003021	1	CRADLE TECHNOLOGY CORP	0030
002846	1	CHUNG SHING BANK - CSB	0028	003022	1	ICP ELECTRONICS INC	0030
002847	1	TA CHONG BANK LTD	0028	003023	1	SINBON ELECTRONICS CO LTD	0030
002848	1	SOUTH CHINA INSURANCE CO LTD	0028	003024	1	ACTION ELECTRONICS CO LTD	0030
002849	1	ENTIE COMMERCIAL BANK	0028	003025	1	LOOP TELECOMMUNICATION INTERNATIONAL INC	0030
002850	1	SHINKONG INSURANCE CO LTD	0028	003026	1	HOLY STONE ENTERPRISE CO LTD	0030
002021	1	CENTRAL REINSURANCE CORPORATION	0028	003027	1	BILLION ELECTRIC CO LTD	0030
002852	1	THE FIRST INSURANCE CO LTD	0028	003028	1	ZENITRON CORPORATION	0030
002854	1	POLARIS SECURITIES CO LTD	0028	003029	1	ZERO ONE TECHNOLOGY CO LTD	0030
002855	1	PRESIDENT SECURITIES CORP	0028	003030	1	TEST RESEARCH INC	0030
002856	1	MASTERLINK SECURITIES CORPORATION	0028	003031	1	BRIGHT LED ELECTRONICS CORP	0030
002880	1	HUA NAN FINANCIAL HOLDING CO., LTD	0028	003032	1	COMPUCASE ENTERPRISE CO LTD	0030
002881	1	FUBON FINANCIAL	0028	003033	1	WEIKENG INDUSTRIAL CO LTD	0030
002882	1	CATHAY HOLDINGS	0028	003034	1	NOVATEK MICROELECTRONICS CORP	0030
002883	5	CHINA DEVELOPMENT INDUSTRIAL BANK - PREFERRED	0028	003035	1	FARADAY TECHNOLOGY CORP	0030
002883	1	CHINA DEVELOPMENT INDUSTRIAL BANK	0028	003036	1	WINTECH MICROELECTRONICS CO LTD	0030
002884	1	E. SUN FINANCIAL HOLDING COMPANY LTD	0028	003037	1	UNIMICRON TECHNOLOGY CORP	0030
002885	1	FUHWA FINANCIAL HOLDING CO LTD	0028	003038	1	EMERGING DISPLAY TECHNOLOGIES CORP	0030
002886	1	CTB FINANCIAL HOLDING COMPANY	0028	003039	1	WELL COMMUNICATION CORP	0030
002887	1	TAISHIN FINANCIAL HOLDING CO LTD	0028	003040	1	GLOBAL VIEW CO LTD	0030
002887	5	TAISHIN FINANCIAL HOLDING CO LTD	0028	003041	1	ALI CORPORATION	0030
002888	1	SHIN KONG FINANCIAL HOLDING CO LTD	0028	003042	1	TXC CORPORATION	0030
002889	1	WATERLAND FINANCIAL HOLDINGS	0028	003043	1	POWERCOM CO LTD	0030

COID	STKTYP	COMPANY NAME	INDID	COID	STKTYP	COMPANY NAME	INDID
003044	1	TRIPOD TECHNOLOGY CORPORATION	0030	009915	1	NIEN MADE ENTERPRISE	0099
003045	1	TAIWAN CELLULAR CORPORATION	0030	009917	1	TAIWAN SECOM CO., LTD	0099
003046	1	AOPEN INC	0030	009918	1	SHIN SHIN NATURAL GAS	0099
003047	1	EDIMAX TECHNOLOGY CO LTD	0030	009919	1	KANG NA HSIUNG ENTERPRISE	0099
003048	1	EDOM TECHNOLOGY CO LTD	0030	009920	1	TONG LUNG METAL INDUSTRY	0099
003049	1	SINTEX PHOTRONIC CORP	0030	009921	1	GIANT MANUFACTURING	0099
003050	1	U-TECH MEDIA CORPORATION	0030	009922	1	UB OFFICE SYSTEMS INC.	0099
003051	1	OPTIMAX TECHNOLOGY CORPORATION	0030	009923	1	DING ING ENTERPRISE	0099
003054	1	CARRY COMPUTER ENG. CO. LTD	0030	009924	1	TAIWAN FU HSING INDUSTRIAL	0099
003055	1	SPIROX CORPORATION	0030	009925	1	TAIWAN-SOK SHINKONG SERCURITY	0099
003057	1	PROMISE TECHNOLOGY INC	0030	009926	1	SHIN HAI GAS CORP	0099
003058	1	LEADER ELECTRONICS INC	0030	009927	1	THYE MING INDUSTRIAL CO LTD	0099
003059	1	ALTEK CORPORATION	0030	009928	1	CHINA TELEVISION CO LTD	0099
009101	1	ASE TEST LIMITED	0091	009929	1	CHOICE LITHOGRAPH INC	0099
009102	1	EASTERN ASIA TECHNOLOGY LIMITED	0091	009930	1	CHINA HI-MENT CORPORATION	0099
009801	1	CHINA REBAR	0098	009931	1	HSIN KAO GAS CO LTD	0099
009801	5	CHINA REBAR - PREFERRED	0098	009932	1	TAI YU PRODUCTS CORPORATION	0099
009902	1	TIDEHOLD	0099	009933	1	CTCI CORPORATION	0099
009903	1	KUNNAN ENTERPRISE	0099	009934	1	GLOBO UNION INDUSTRIAL CORP	0099
009903	5	KUNNAN ENTERPRISE - A PREFERRED	0099	009935	1	CHING FENG HOME FASHIONS CO LTD	0099
009904	1	POU CHEN	0099	009936	1	COMPEX INTERNATIONAL CO LTD	0099
009905	1	GREAT CHINA METAL IND.	0099	009937	1	NATIONAL PETROLEUM CO LTD	0099
009906	1	CORNER CORPORATION	0099	009938	1	TAIWAN PAIHO LTD	0099
009907	1	TON YI INDUSTRIAL CORPORATION	0099	009939	1	TAIWAN HON CHUAN ENTERPRISE CO., LTD	0099
009907	5	TON YI INDUSTRIAL CORPORATION - PREFERRED	0099	009940	1	SINYI REALTY	0099
009908	1	THE GREAT TAIPEI GAS	0099	009941	1	TAIWAN ACCEPTANCE	0099
009910	1	FENG TAY ENTERPRISE	0099	009942	1	MAO SHUN	0099
009911	1	TAIWAN SAKURA	0099	009943	1	HOLIDAY ENTERTAINMENT CO LTD	0099
009912	1	ASSOCIATED INDUSTRIES CHINA INC.	0099	009944	1	SHINIH ENTERPRISE CO LTD	0099
009913	1	MASTER HOME FURNITURE	0099	009989	1	LIEN YU	0099
009914	1	MERIDA INDUSTRY	0099				