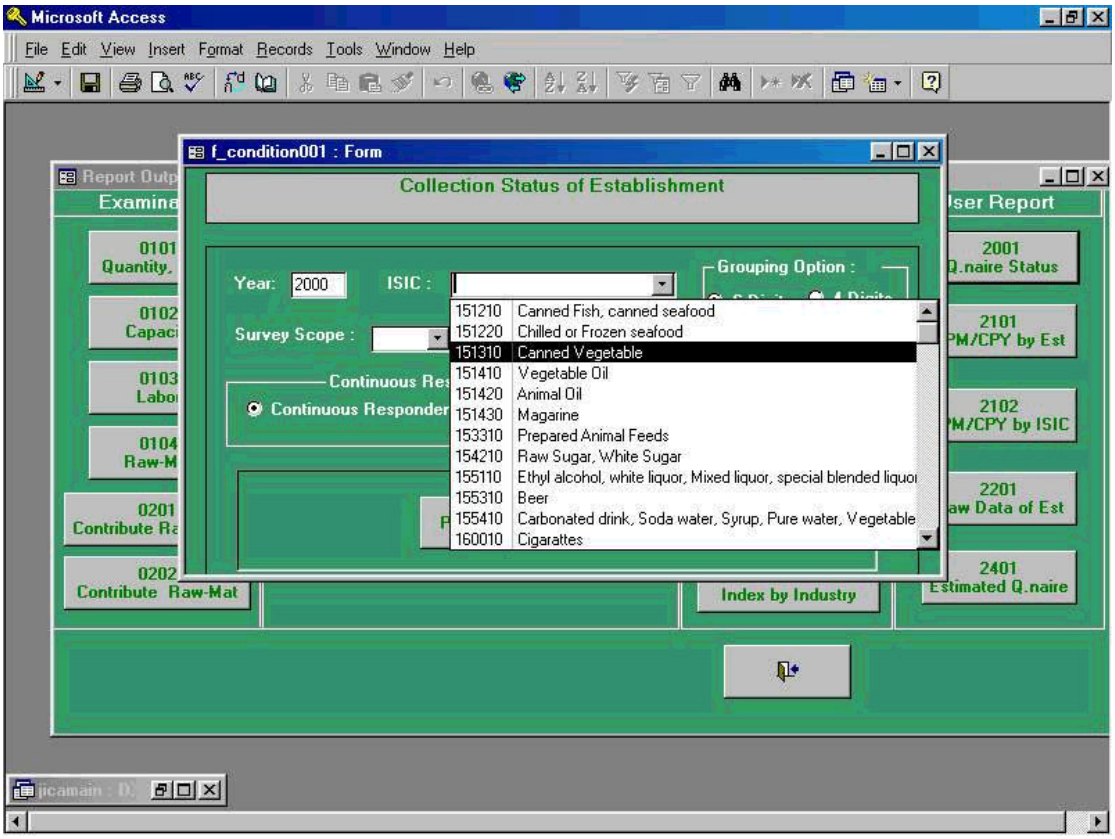
48. Collection Status of Establishment
(Report Code 2001: Collection Status of Questionnaire of Establishment)

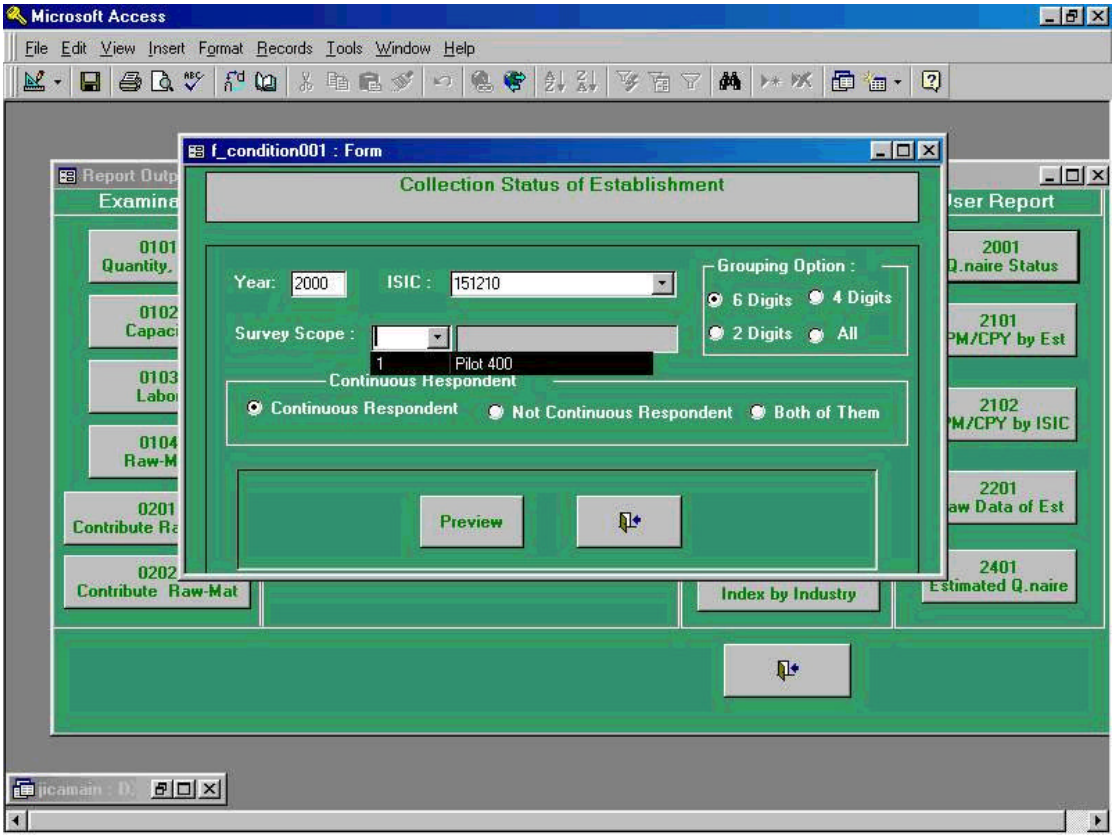
In the menu of "**User Report**" shown in the right end of the screen shown below, there are five command buttons. And the function of each 5 command buttons are completely different from other command buttons. That is, these command buttons function as extracting, or outputting real-time data (survey data). In case outputting other Report Code are only limited to the process of field data of monthly task when the monthly process task is closed down.

Screen shown below is the initial process to be taken when Report Code **" 2001 Collection Status of Questionnaire of Establishment "** which lists out historical indices by time series and by industry, and has functions such as making graphics based on the data analyzed in the system.

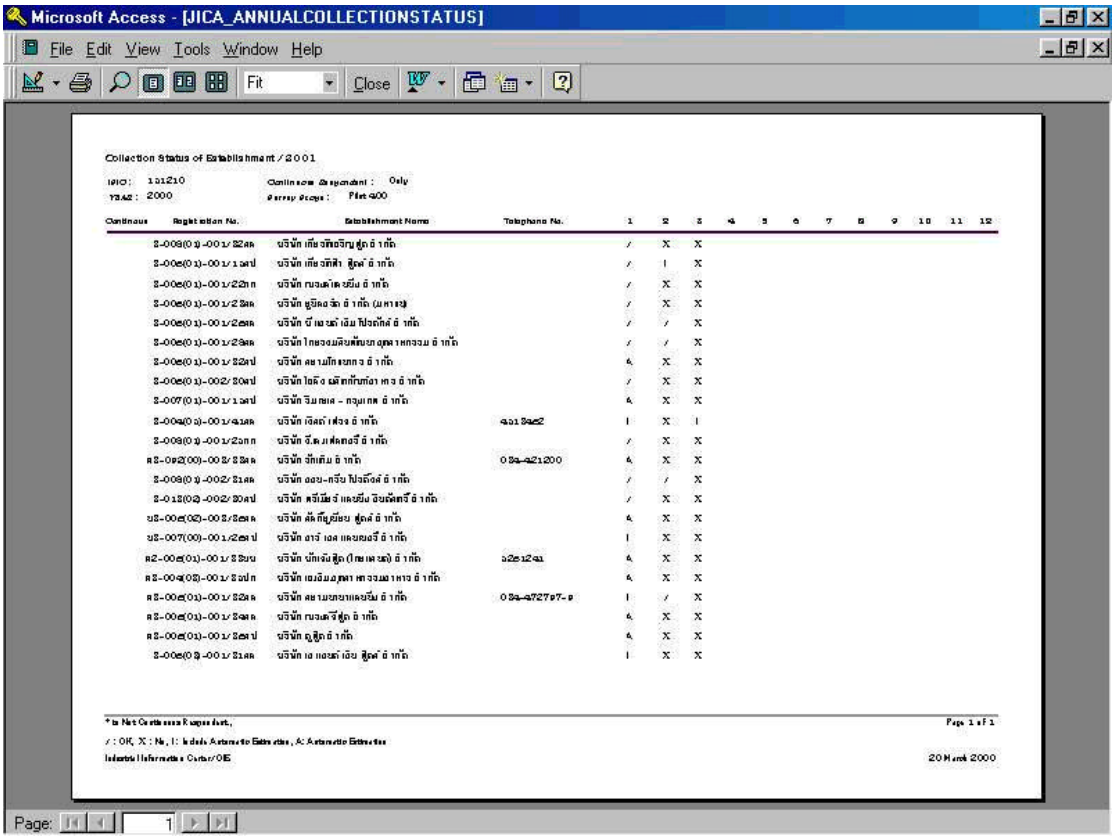
In this case, **" Year "** of 2000, and **" Month "** of January which is **" 1 "** have been chosen.



Following screen shows when Pilot 400 is selected among **“ Survey Scope ”**.
And **“ Continuous Respondent ”** is chosen from **“ Continuous Respondent ”** tag.



Following preview screen is the process being taken in the previous process 48-2.



For example, when user selected "**Continuous Respondent Only**", establishment which is targeted for index calculation will be listed up. Through this process, collection status of the questionnaire for each year will be read through.
In the screen shown above, the status which are indicated as "1", "X", "I", and "A" stands for the followings;

"**1**": those questionnaires are already collected.
"**X**": those questionnaires are not collected.
"**I**": those questionnaires are collected but the values with automated calculation are stored due to the existence of partly missing value.
"**A**": those questionnaires not being collected, however automated calculation value of the questionnaire are stored since stored because the due date of monthly process.

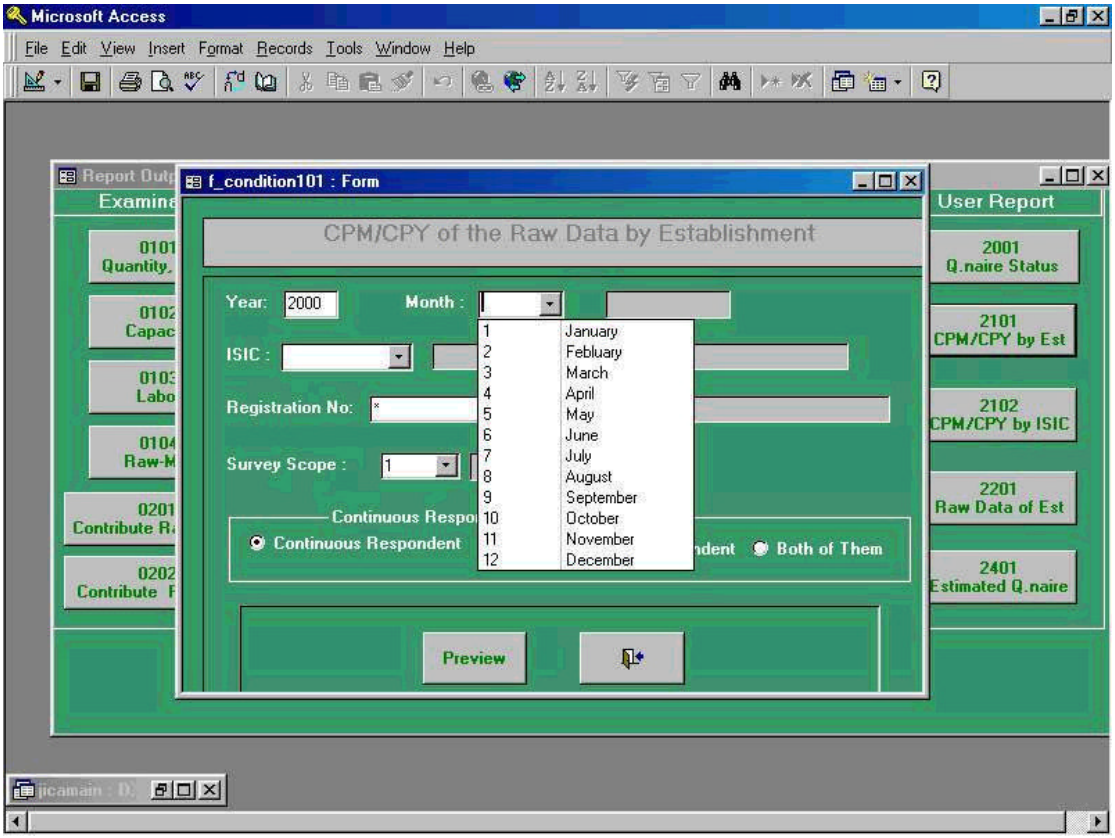
In the screen shown above, when two buttons are selected simultaneously, mark of asterisk (*) will be shown up. And this indicates the establishments with continuous respondents.

49. CPM/CPY of the Raw Data by Establishment
(Report Code 2101: CPM/CPY of the Raw Data by Establishment)

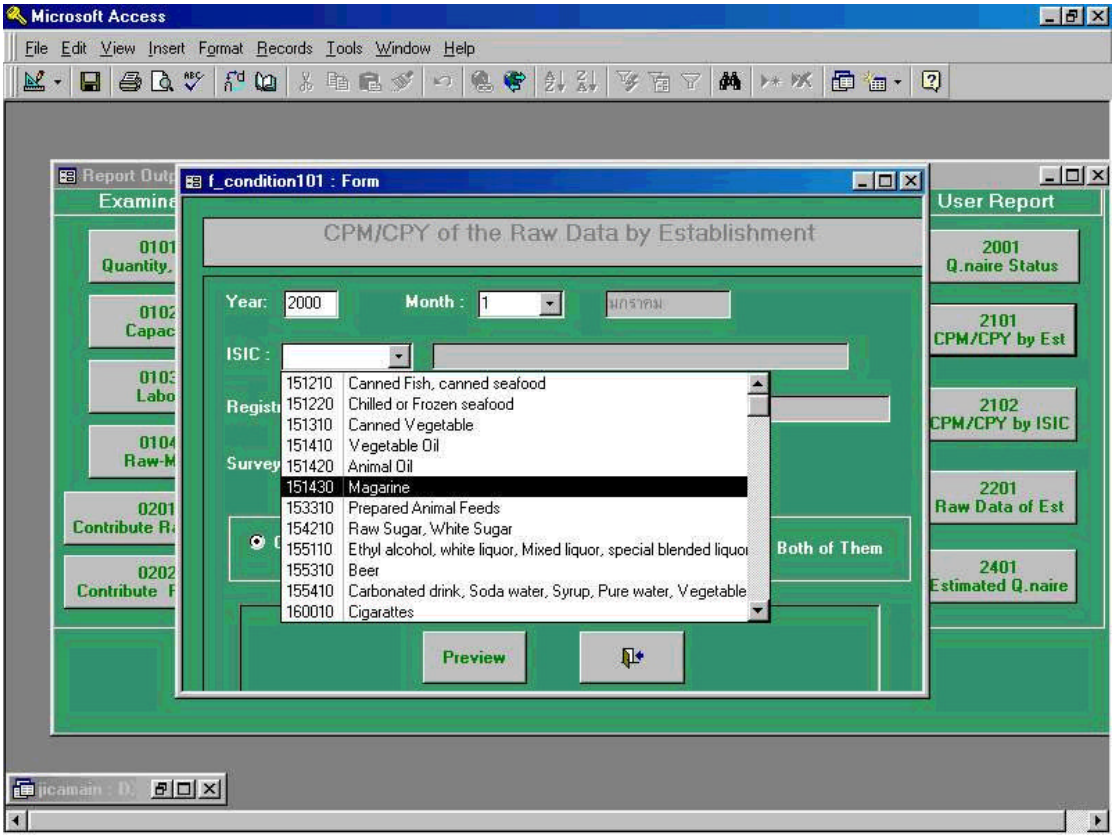
In the menu of "**User Report**" shown in the right end of the screen shown below, there are five command buttons. And the function of each 5 command buttons are completely different from other command buttons. That is, these command buttons function as extracting, or outputting real-time data (survey data). In case outputting other Report Code are only limited to the process of field data of monthly task when the monthly process task is closed down.

Screen shown below is the initial process to be taken when Report Code **" 2101 CPM/CPY of the Raw Data by Establishment "** .

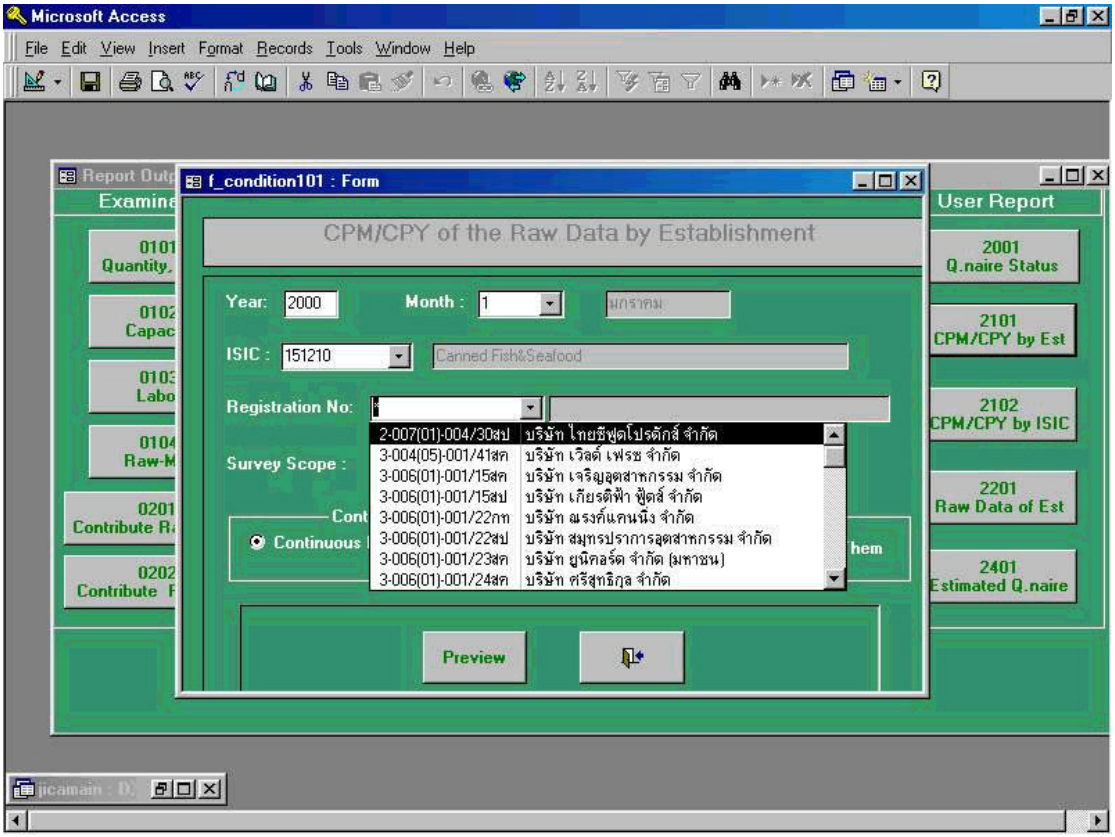
In this case, **" Year "** of 2000, and **" Month "** of January which is **" 1 "** have been chosen.



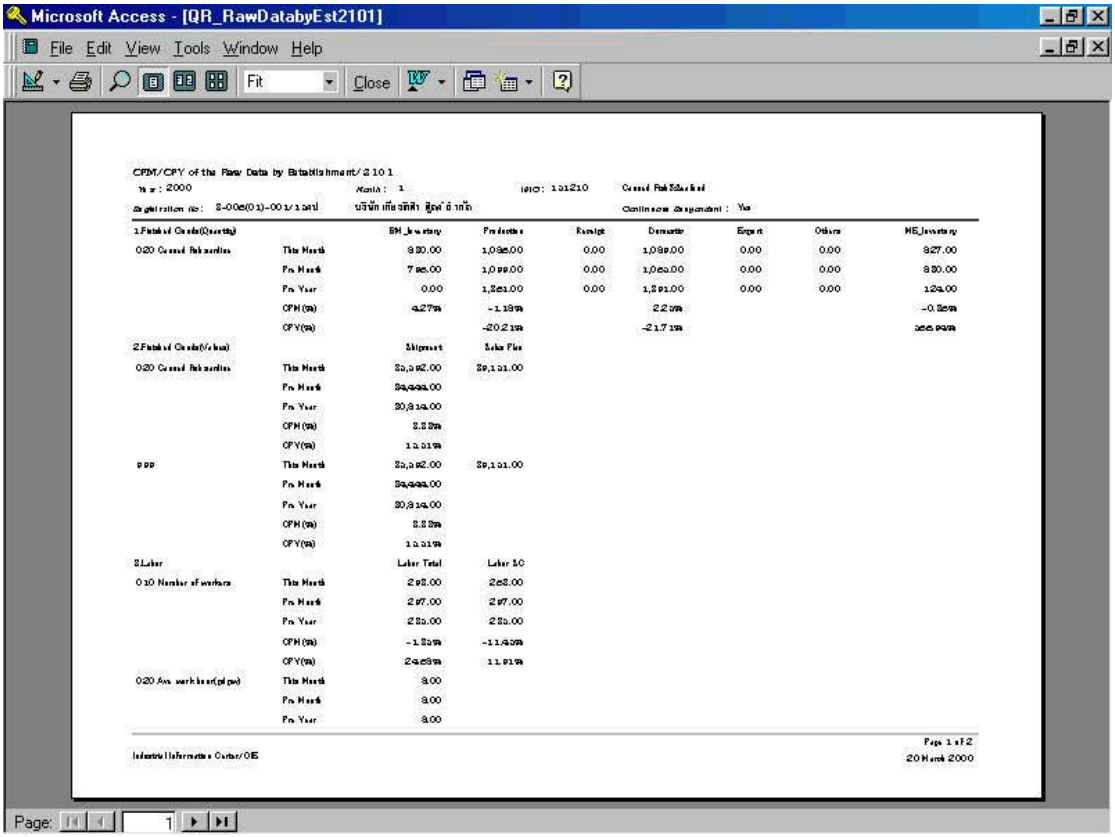
Following screen shows when 151430 Margarine has been selected from **“ ISIC ”** tag.



Certain registration number is selected among **“ Registration No. ”** tag.



Following preview screen is the process being taken in the previous process 49-3.

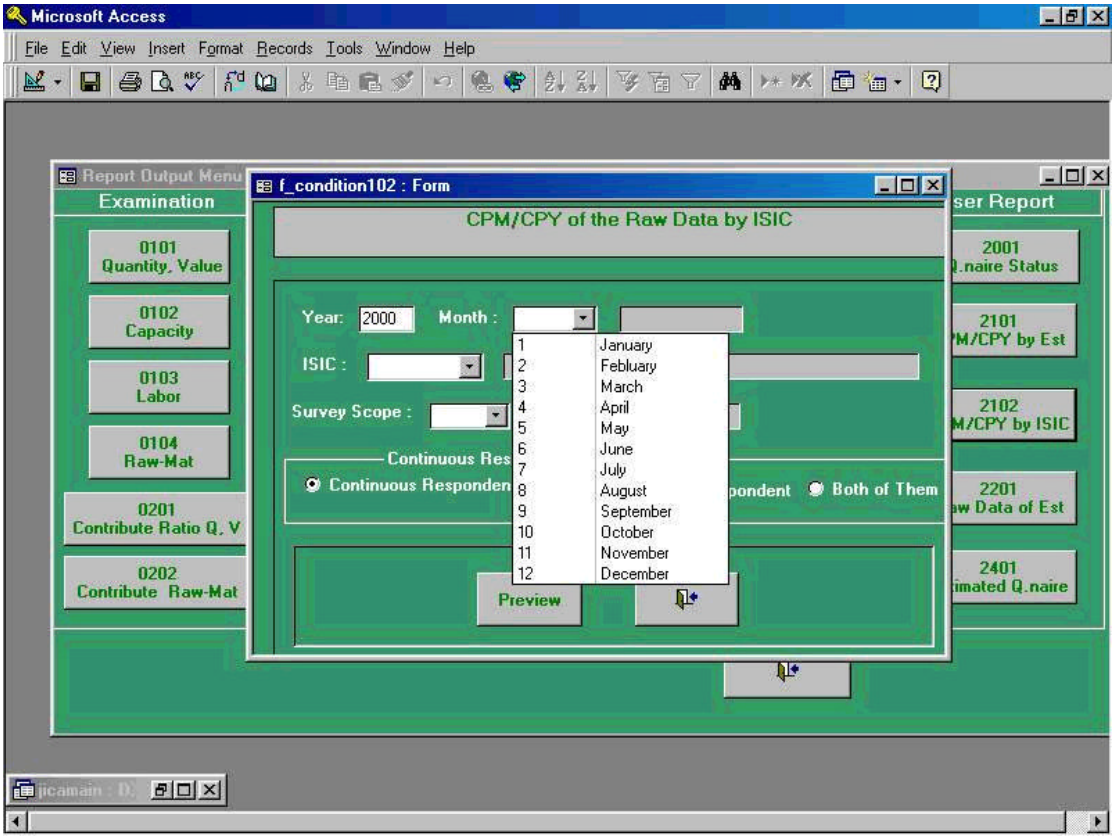


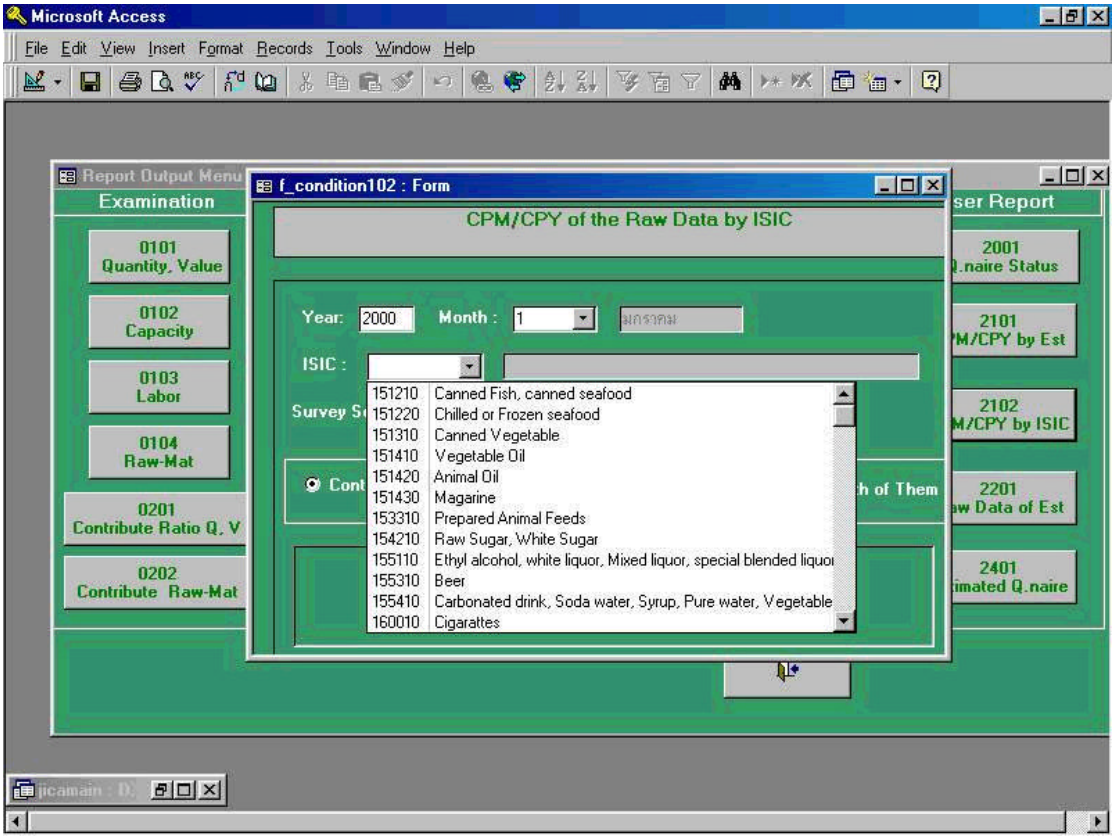
50. CPM/CPY of the Raw Data by ISIC
(Report Code 2102: CPM/CPY of the Raw Data by ISIC)

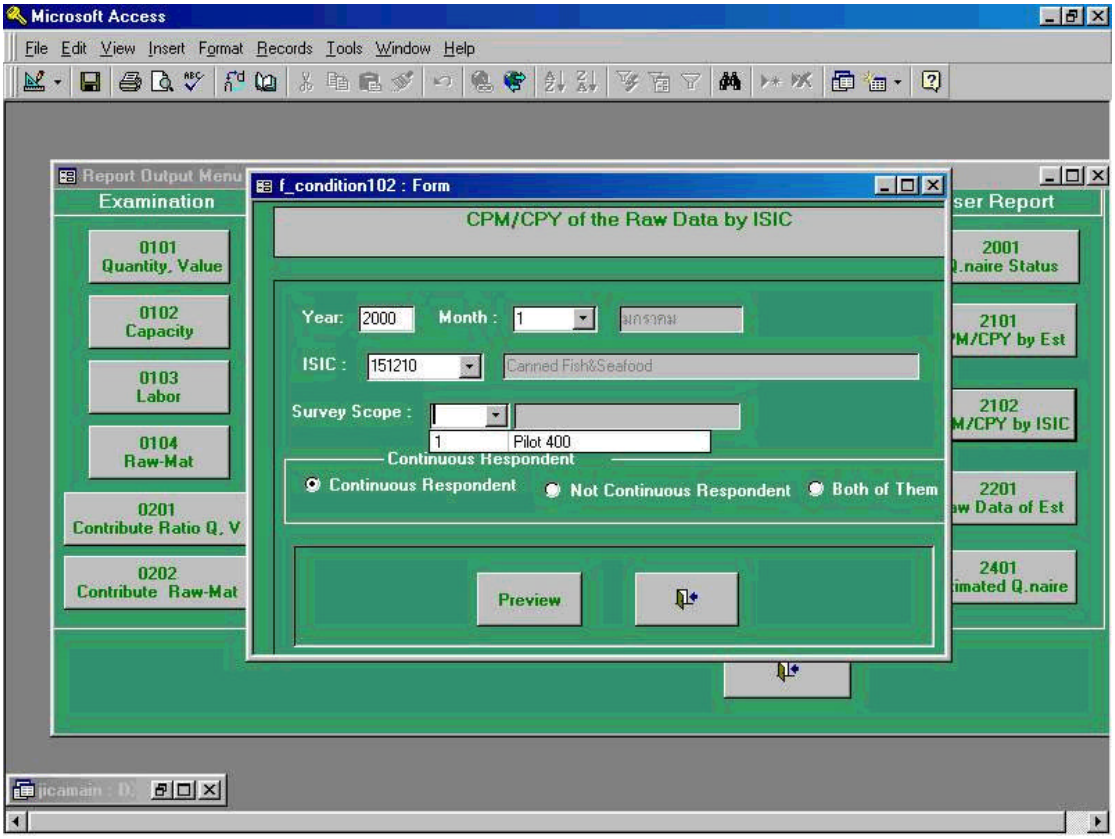
In the menu of "**User Report**" shown in the right end of the screen shown below, there are five command buttons. And the function of each 5 command buttons are completely different from other command buttons. That is, these command buttons function as extracting, or outputting real-time data (survey data). In case outputting other Report Code are only limited to the process of field data of monthly task when the monthly process task is closed down.

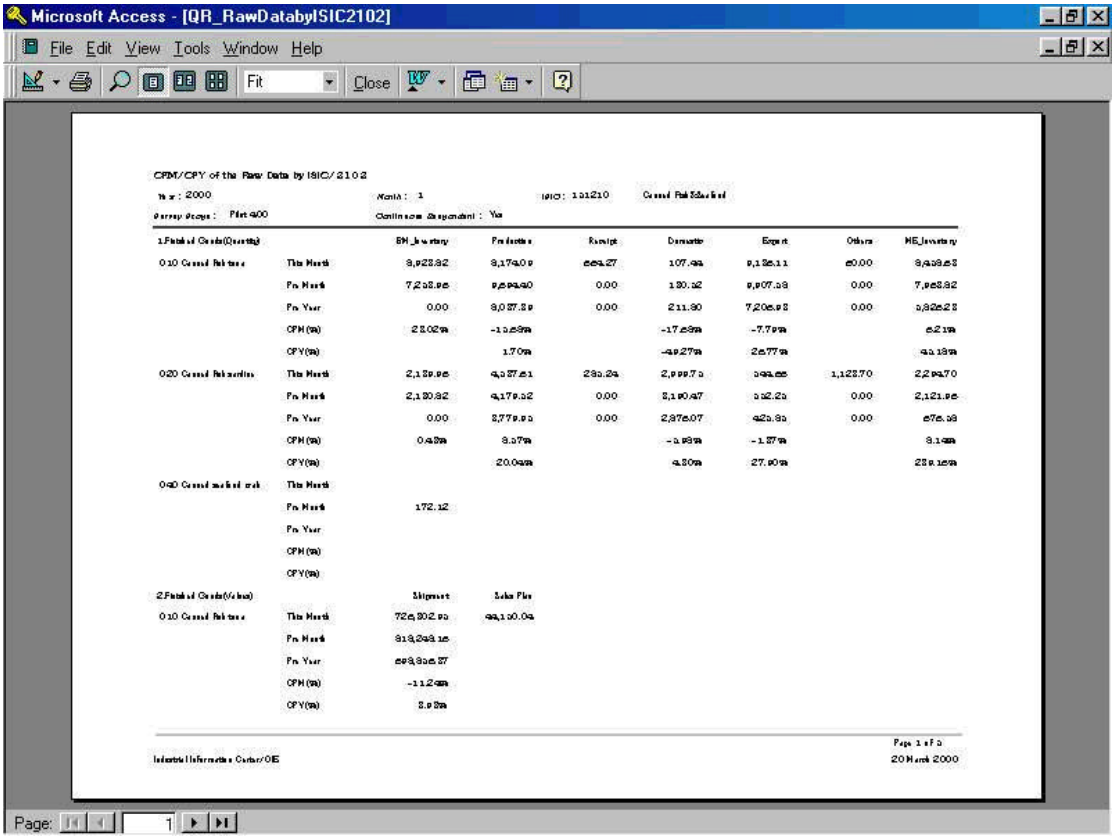
Screen shown below is the initial process to be taken when Report Code **" 2102 CPM/CPY of the Raw Data by ISIC "** .

In this case, **" Year "** of 2000, and **" Month "** of January which is **" 1 "** have been chosen.




Microsoft Access
File Edit View Insert Format Records Tools Window Help
Report Output Menu
Examination
0101 Quantity, Value
0102 Capacity
0103 Labor
0104 Raw-Mat
0201 Contribute Ratio Q, V
0202 Contribute Raw-Mat
f_condition102 : Form
CPM/CPY of the Raw Data by ISIC
Year: 2000
Month : 1
ISIC :
151210 Canned Fish, canned seafood
151220 Chilled or Frozen seafood
151310 Canned Vegetable
151410 Vegetable Oil
151420 Animal Oil
151430 Magarine
153310 Prepared Animal Feeds
154210 Raw Sugar, White Sugar
155110 Ethyl alcohol, white liquor, Mixed liquor, special blended liquo
155310 Beer
155410 Carbonated drink, Soda water, Syrup, Pure water, Vegetable
160010 Cigarattes
ser Report
2001 .naire Status
2101 M/CPY by Est
2102 M/CPY by ISIC
2201 w Data of Est
2401 imated Q.naire


Microsoft Access
File Edit View Insert Format Records Tools Window Help
Report Output Menu
Examination
0101 Quantity, Value
0102 Capacity
0103 Labor
0104 Raw-Mat
0201 Contribute Ratio Q, V
0202 Contribute Raw-Mat
f_condition102 : Form
CPM/CPY of the Raw Data by ISIC
Year: 2000
Month : 1
ISIC : 151210
Canned Fish&Seafood
Survey Scope :
1 Pilot 400
Continuous Respondent
Continuous Respondent
Not Continuous Respondent
Both of Them
Preview
ser Report
2001 Q.naire Status
2101 M/CPY by Est
2102 M/CPY by ISIC
2201 w Data of Est
2401 imated Q.naire



CPM/CPY of the Raw Data by ISIC/2102

Year : 2000 Month : 1 ISIC : 151210 Canned Fish&Seafood

Survey Scope : Pilot 400 Continuous Sequential : Yes

1.Finished Goods(Quantity)		BM_Inventory	Production	Receipt	Domestic	Export	Others	ME_Inventory
010 Canned Fish tuna	This Month	8,923.82	8,174.09	664.27	107.44	9,136.11	60.00	8,458.63
	Pre Month	7,253.96	9,694.40	0.00	130.52	9,907.58	0.00	7,963.82
	Pre Year	0.00	8,037.39	0.00	211.80	7,206.93	0.00	5,826.23
	CPM(%)	23.02%	-15.68%		-17.68%	-7.79%		6.21%
	CPY(%)		1.70%		-49.27%	26.77%		45.18%
020 Canned Fish sardine	This Month	2,139.96	4,537.61	285.24	2,999.75	544.66	1,123.70	2,294.70
	Pre Month	2,130.82	4,179.52	0.00	3,190.47	552.25	0.00	2,121.96
	Pre Year	0.00	3,779.95	0.00	2,876.07	425.85	0.00	676.58
	CPM(%)	0.43%	8.57%		-5.98%	-1.37%		8.14%
	CPY(%)		20.04%		4.30%	27.90%		239.16%
040 Canned seafood crab	This Month							
	Pre Month	172.12						
	Pre Year							
	CPM(%)							
	CPY(%)							

2.Finished Goods(Value)		Shipment	Sales Plan
010 Canned Fish tuna	This Month	726,302.95	44,150.04
	Pre Month	818,248.16	
	Pre Year	698,856.37	
	CPM(%)	-11.24%	
	CPY(%)	3.93%	

Page 1 of 5

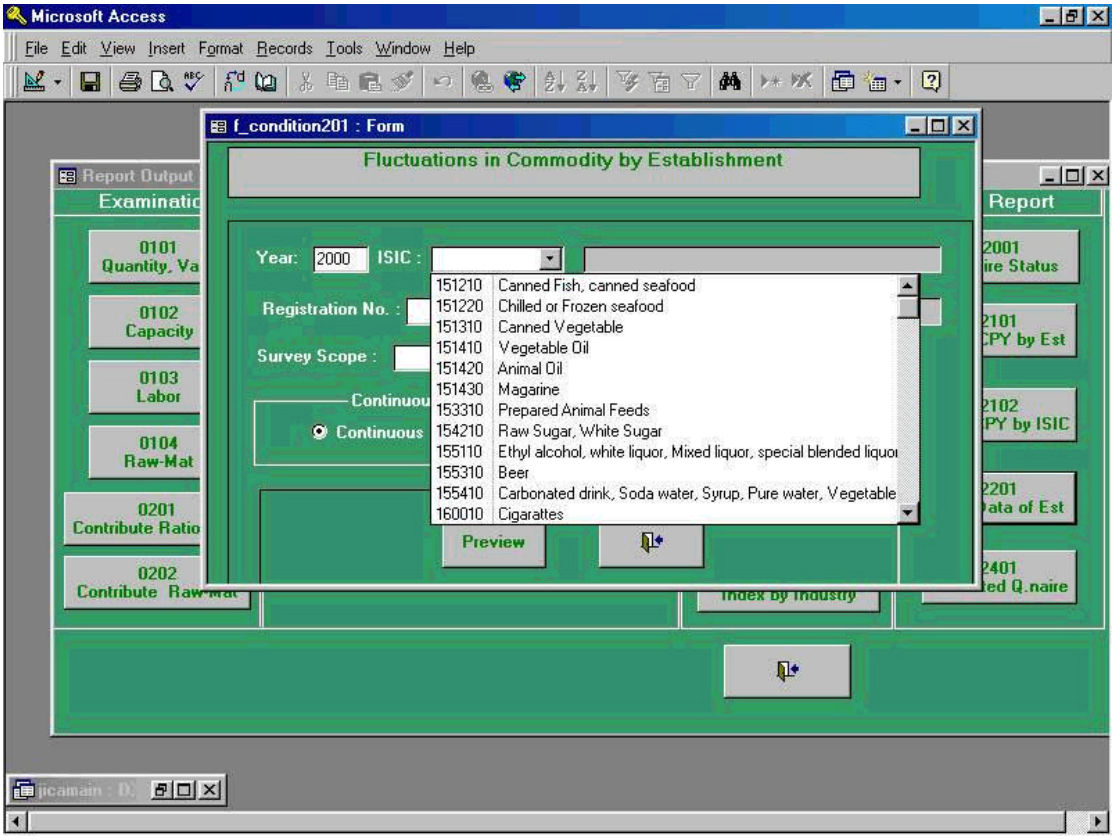
Industrial Information Center/OIE 20 March 2000

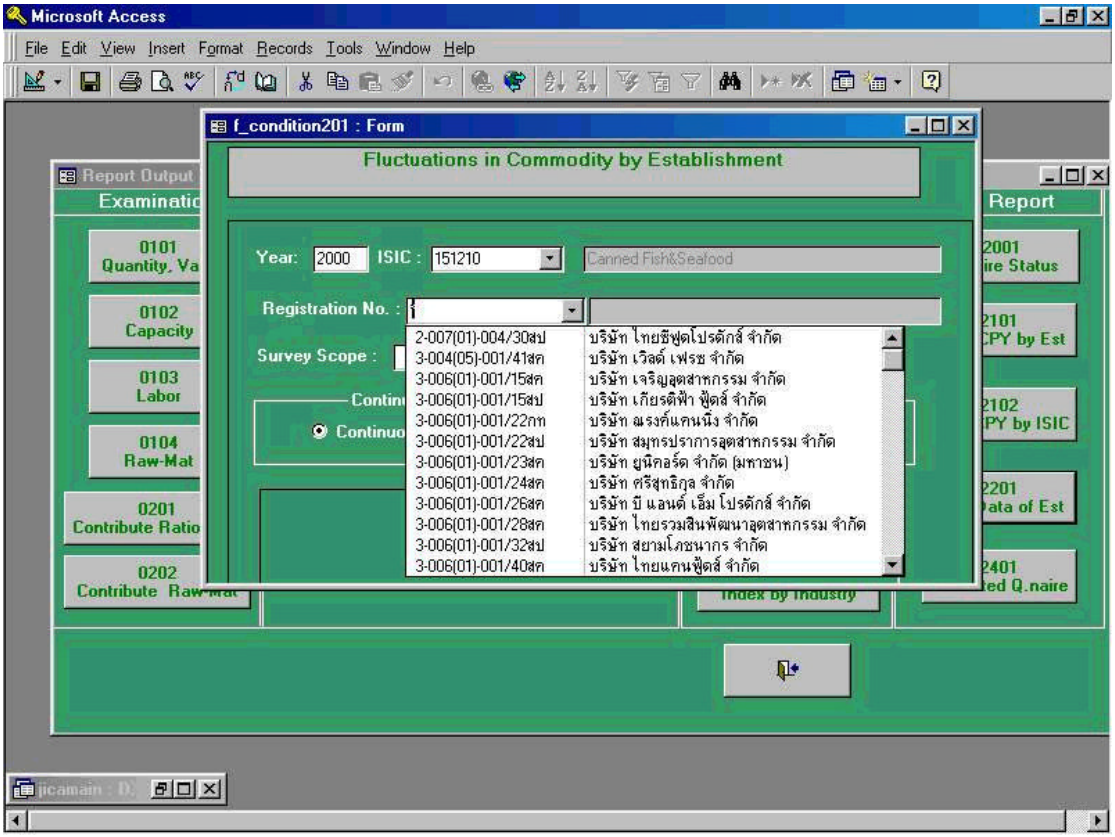
51. Fluctuations in Commodity by Establishment
(Report Code " 2201 Fluctuations in Commodity by Establishment)

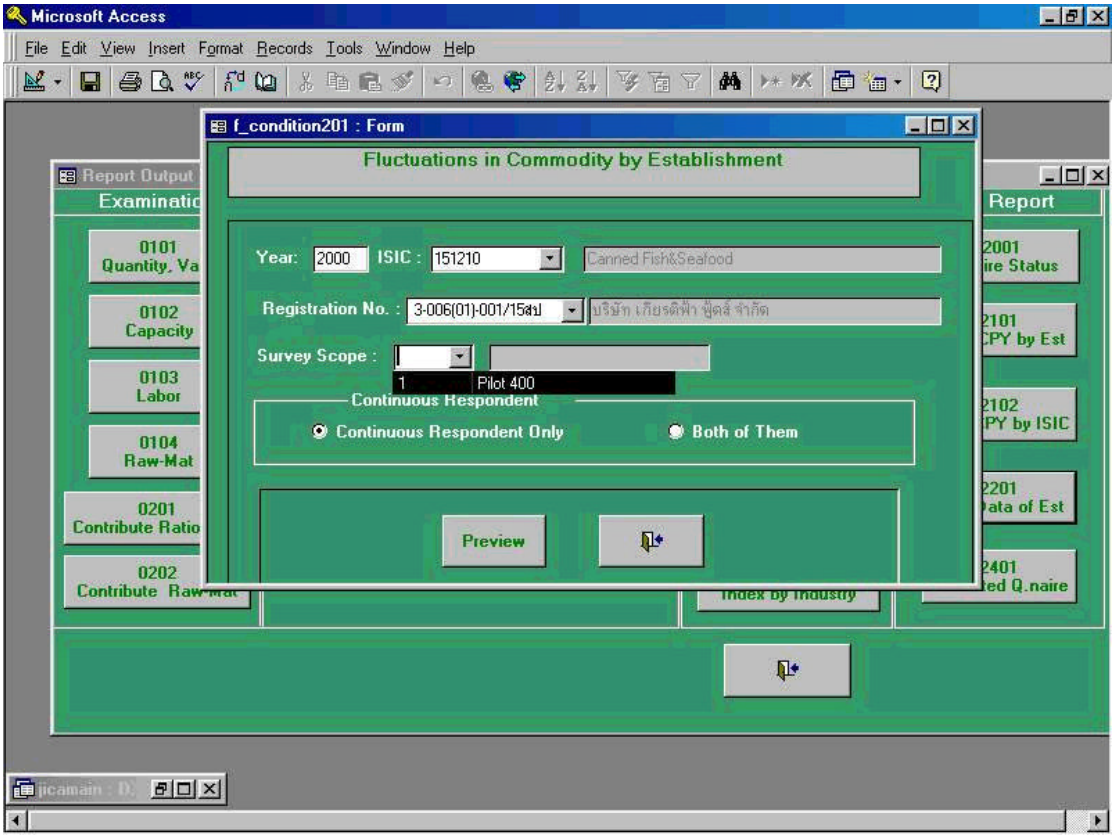
In the menu of "**User Report**" shown in the right end of the screen shown below, there are five command buttons. And the function of each 5 command buttons are completely different from other command buttons. That is, these command buttons function as extracting, or outputting real-time data (survey data). In case outputting other Report Code are only limited to the process of field data of monthly task when the monthly process task is closed down.

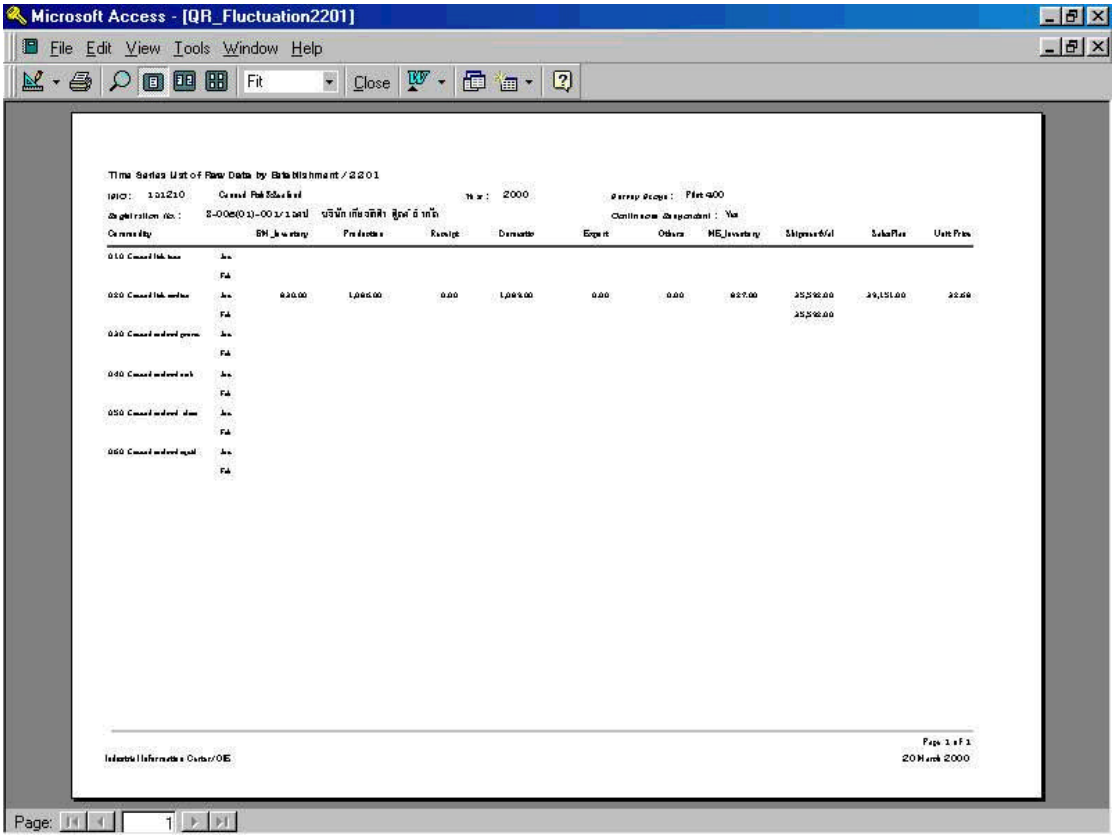
Screen shown below is the initial process to be taken when Report Code **" 2201 Fluctuations in Commodity by Establishment"** .

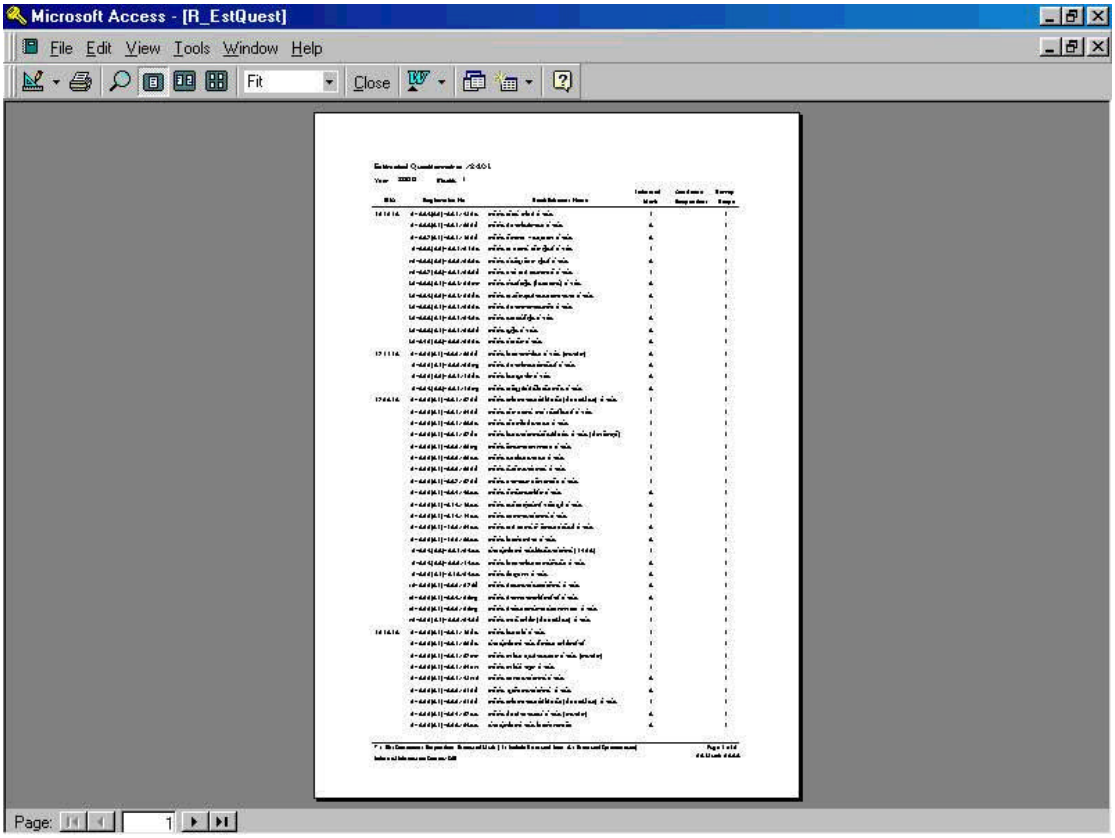
In this case, **" Year "** of 2000, and **" Month "** of January which is **" 1 "** have been chosen.




Microsoft Access
File Edit View Insert Format Records Tools Window Help
f_condition201 : Form
Fluctuations in Commodity by Establishment
Year: 2000
ISIC : 151210
Canned Fish&Seafood
Registration No. :
Survey Scope :
2-007(01)-004/30สป บริษัท ไทยซีฟูดโปรดักส์ จำกัด
3-004(05)-001/41สค บริษัท เวิลด์ เฟรช จำกัด
3-006(01)-001/15สค บริษัท เจริญอุตสาหกรรม จำกัด
3-006(01)-001/15สป บริษัท เกียรติฟ้า ฟู้ดส์ จำกัด
3-006(01)-001/22กท บริษัท ฉลองค์แคนนิ่ง จำกัด
3-006(01)-001/22สป บริษัท สมุทรปราการอุตสาหกรรม จำกัด
3-006(01)-001/23สค บริษัท ยูนิคอร์ด จำกัด (มหาชน)
3-006(01)-001/24สค บริษัท ศรีสุทธิกุล จำกัด
3-006(01)-001/26สค บริษัท บี แอนด์ เอ็ม โปรดักส์ จำกัด
3-006(01)-001/28สค บริษัท ไทยรวมสินพัฒนาอุตสาหกรรม จำกัด
3-006(01)-001/32สป บริษัท สยามโภชนากร จำกัด
3-006(01)-001/40สค บริษัท ไทยแคนฟู้ดส์ จำกัด
Report Output
0101 Quantity, Va
0102 Capacity
0103 Labor
0104 Raw-Mat
0201 Contribute Ratio
0202 Contribute Raw-Mat
Report
2001 ire Status
2101 CPY by Est
2102 CPY by ISIC
2201 Data of Est
2401 ed Q.naire
Index by Industry


Microsoft Access
File Edit View Insert Format Records Tools Window Help
f_condition201 : Form
Fluctuations in Commodity by Establishment
Year: 2000 ISIC : 151210 Canned Fish&Seafood
Registration No. : 3-006(01)-001/15
Survey Scope :
1 Pilot 400
Continuous Respondent
Continuous Respondent Only
Both of Them
Preview
Report Output
Examinatic
0101 Quantity, Va
0102 Capacity
0103 Labor
0104 Raw-Mat
0201 Contribute Ratio
0202 Contribute Raw-Mat
Report
2001 ire Status
2101 CPY by Est
2102 CPY by ISIC
2201 Data of Est
2401 ed Q.naire
Index by Industry


Microsoft Access - [QR_Fluctuation2201]
File Edit View Tools Window Help
Fit
Close
Time Series List of Raw Data by Establishment / 2201
Year : 2000
Page: 1

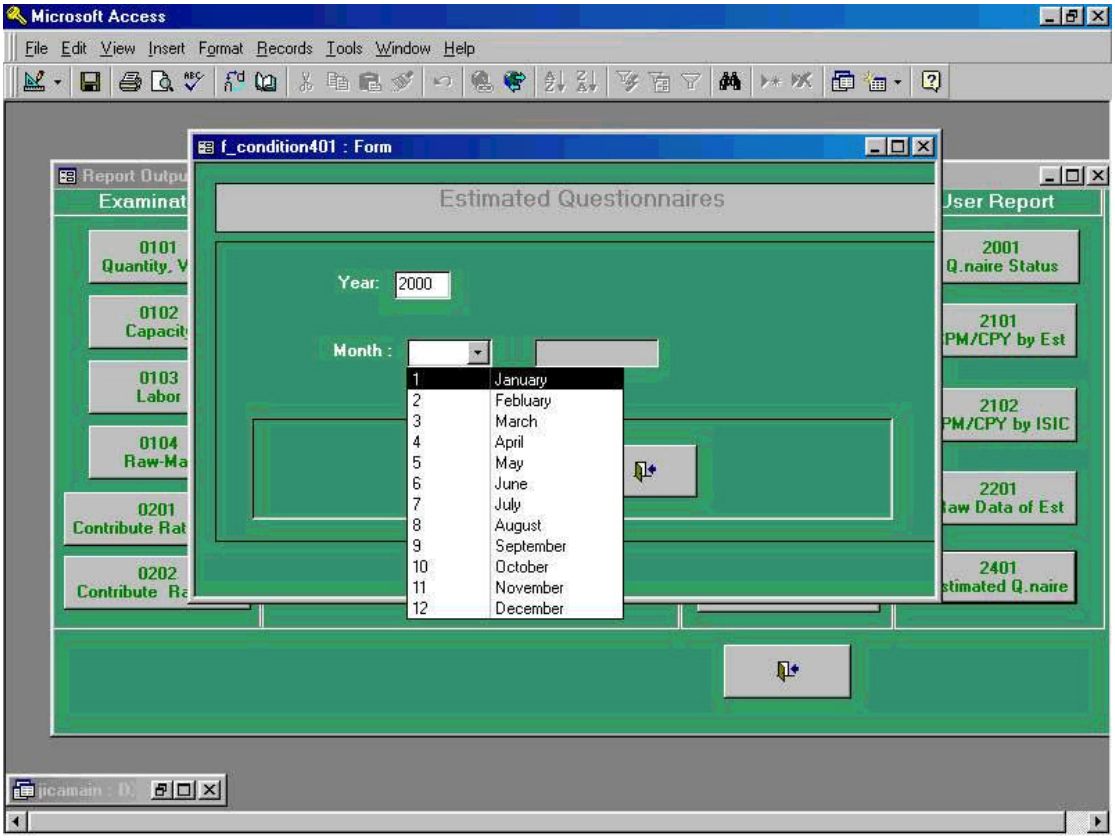

Microsoft Access - [R_EstQuest]
File Edit View Tools Window Help
Fit
Close
Page: 1

52. Estimated Questionnaire
(Report Code 2401: Estimated Questionnaire)

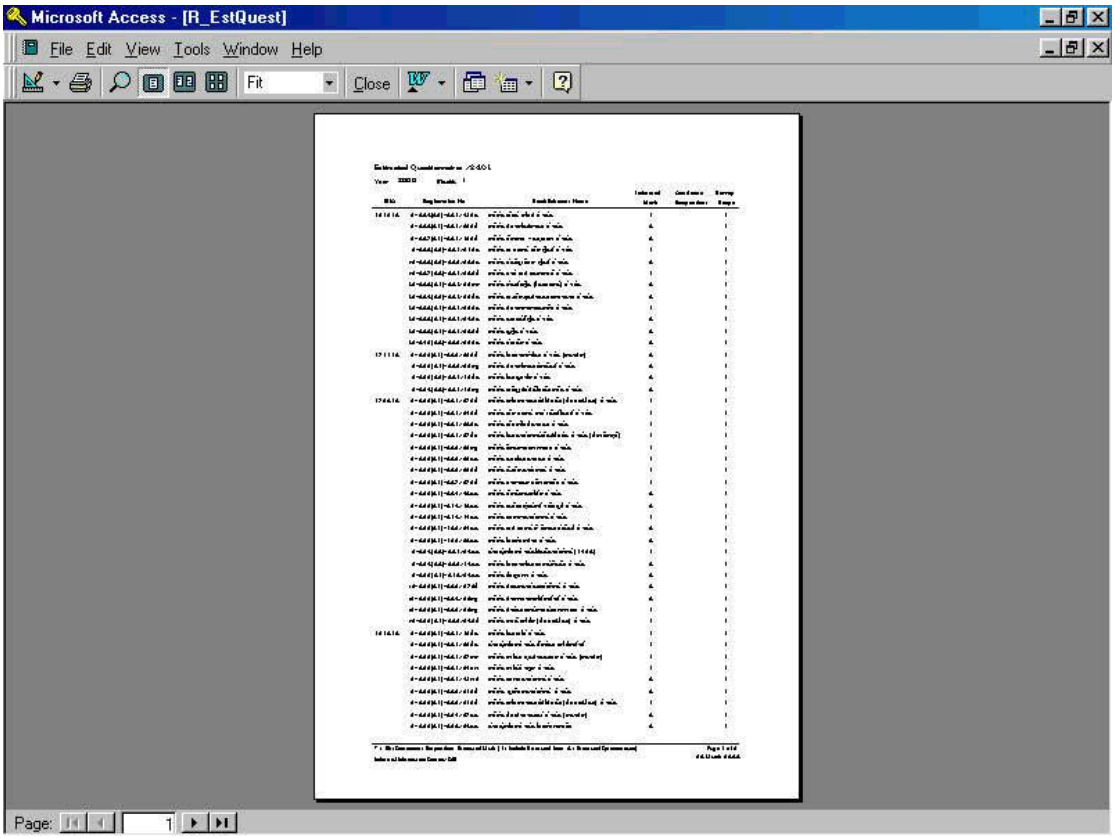
In the menu of "**User Report**" shown in the right end of the screen shown below, there are five command buttons. And the function of each 5 command buttons are completely different from other command buttons. That is, these command buttons function as extracting, or outputting real-time data (survey data). In case outputting other Report Code are only limited to the process of field data of monthly task when the monthly process task is closed down.

Screen shown below is the initial process to be taken when Report Code **" 2401 Estimated Questionnaire"** .

In this case, **" Year "** of 2000, and **" Month "** of January which is **" 1 "** have been chosen.



Following preview screen is the process being taken in the previous process 52-1.



For example, when user selected "**Continuous Respondent Only**", establishment which is targeted for index calculation will be listed up. Through this process, collection status of the questionnaire for each year will be read through.
In the screen shown above, the status which are indicated as "1", "X", "I", and "A" stands for the followings;

"**1**": those questionnaires are already collected.
"**A**": those questionnaires not being collected, however automated calculation value of the questionnaire are stored since stored because the due date of monthly process.

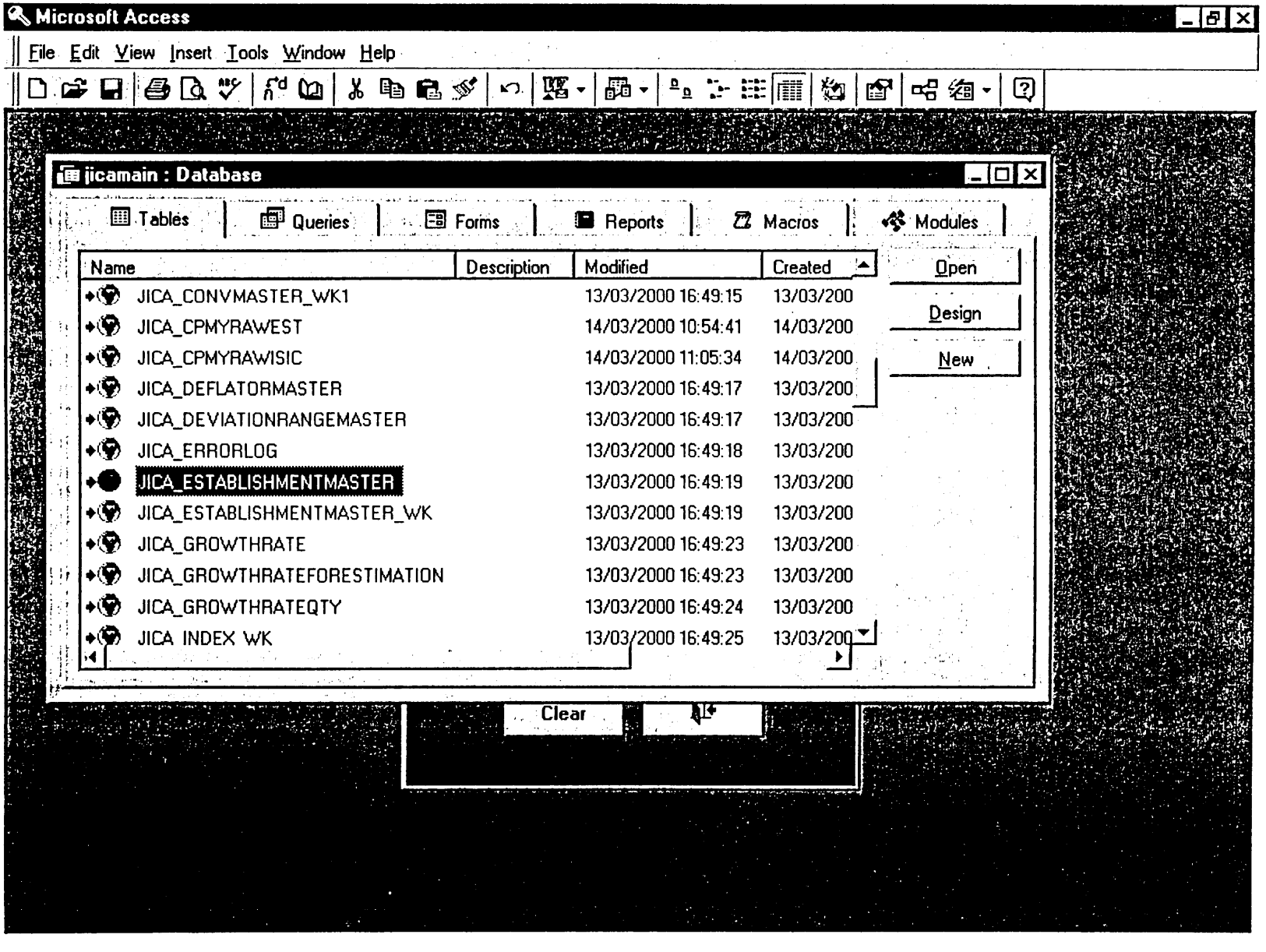
In the screen shown above, when two buttons are selected simultaneously, mark of asterisk (*) will be shown up. And this indicates the establishments with continuous respondents.

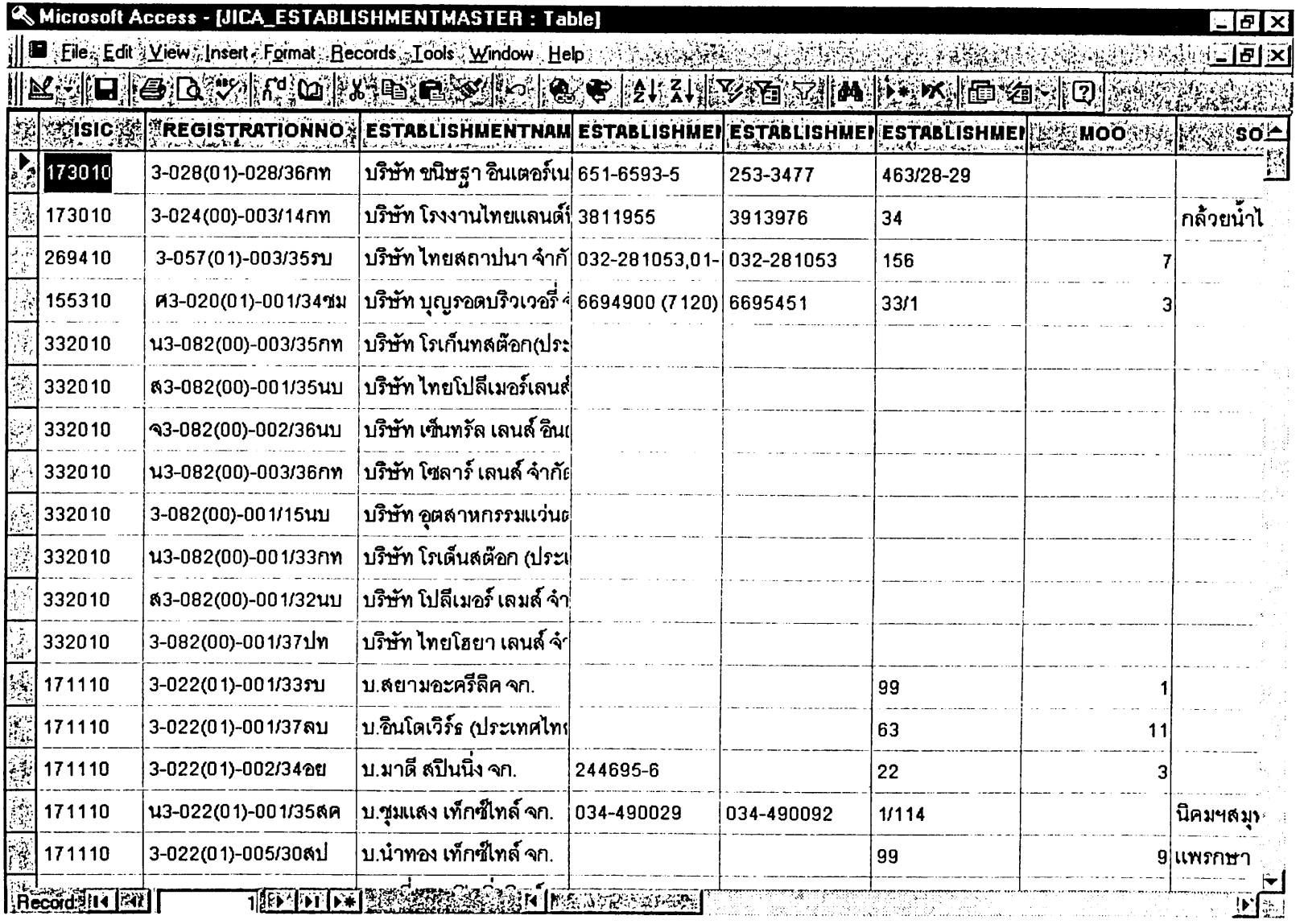
Microsoft Access - [Query1 : Select Query]

File Edit View Insert Format Records Tools Window Help

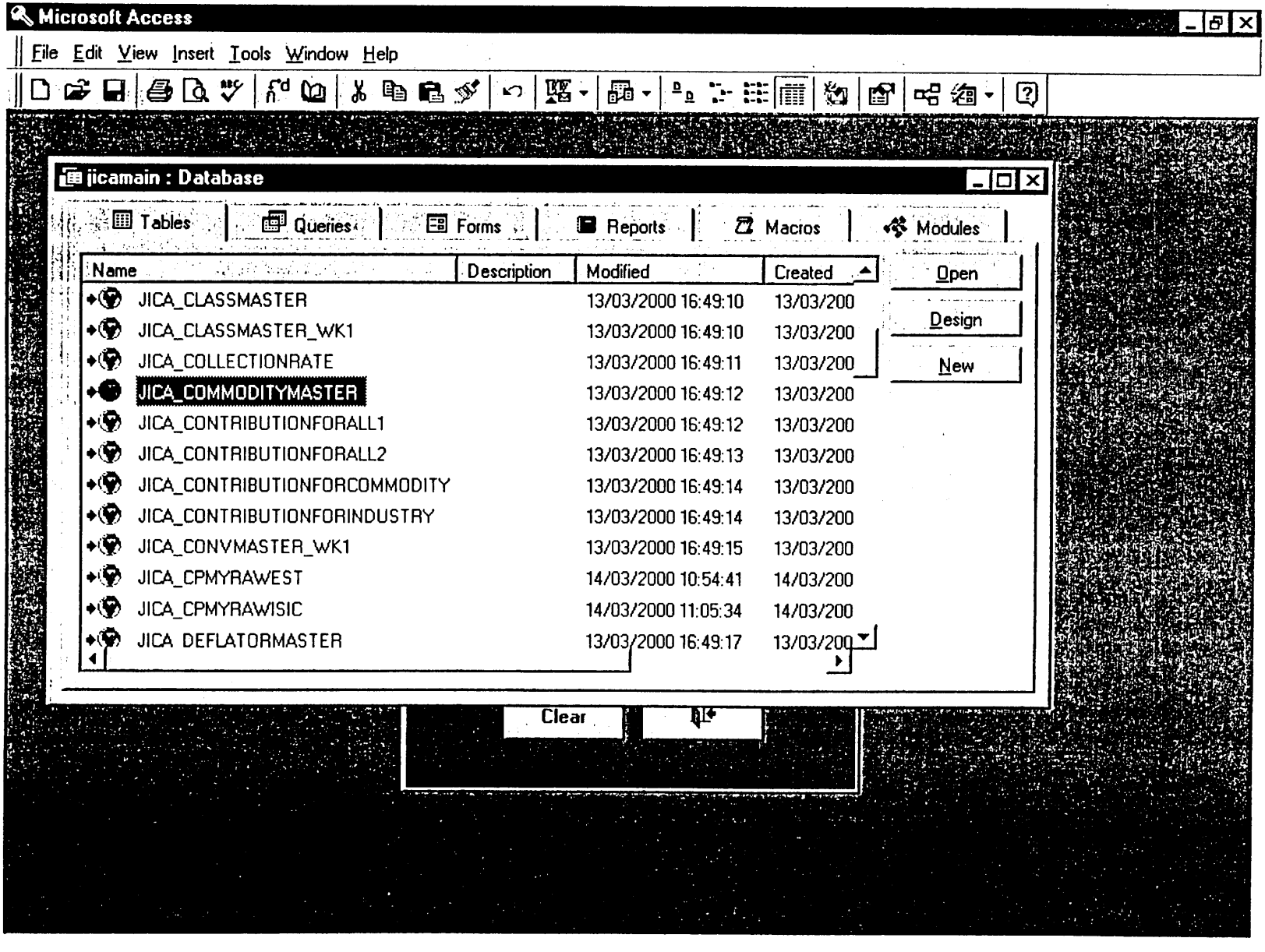
ISIC	YEAR	MONTH	REGISTRATIONNO	ITEMTYPE	COMMODITYC	BM_INVENTOR	ATRBT_BM_IN	PRODUCTION
181010	2000	1	3-028(01)-001/33ฉช	3	010		U	
181010	2000	1	3-028(01)-002/37กท	3	010		U	
181010	2000	1	3-028(01)-044/35กท	3	010		U	
181010	2000	1	3-028(01)-052/26กท	3	010		U	
173010	2000	1	3-028(01)-014/19กท	3	010		U	
173010	2000	1	3-024(00)-001/24กท	3	010		U	
173010	2000	1	จ3-028(01)-005/36นฐ	3	010		U	
173010	2000	1	น3-028(01)-003/34สป	3	010		U	
173010	2000	1	ส3-028(01)-001/34อย	3	010		U	
181010	2000	1	3-028(01)-001/15ปท	3	010		U	
173010	2000	1	3-028(01)-001/29สป	3	010		U	
173010	2000	1	3-028(01)-001/36สค	3	010		U	
173010	2000	1	3-028(01)-002/32นฐ	3	010		U	
173010	2000	1	3-028(01)-005/33สป	3	010		U	
321020	2000	1	ส3-074(03)-002/32ปท	1	160		U	
232010	2000	1	3-049(00)-001/18ชม	2	050		U	
151210	2000	1	3-006(01)-001/28สค	3	010		U	

Record 1


Microsoft Access
File Edit View Insert Tools Window Help
jicamain : Database
Tables
Queries
Forms
Reports
Macros
Modules
Name
Description
Modified
Created
Open
Design
New
JICA_CONVMASTER_WK1 13/03/2000 16:49:15 13/03/200
JICA_CPMYRAWEST 14/03/2000 10:54:41 14/03/200
JICA_CPMYRAWISIC 14/03/2000 11:05:34 14/03/200
JICA_DEFLATORMASTER 13/03/2000 16:49:17 13/03/200
JICA_DEVIATIONRANGEMASTER 13/03/2000 16:49:17 13/03/200
JICA_ERRORLOG 13/03/2000 16:49:18 13/03/200
JICA_ESTABLISHMENTMASTER 13/03/2000 16:49:19 13/03/200
JICA_ESTABLISHMENTMASTER_WK 13/03/2000 16:49:19 13/03/200
JICA_GROWTHRATE 13/03/2000 16:49:23 13/03/200
JICA_GROWTHRATEFORESTIMATION 13/03/2000 16:49:23 13/03/200
JICA_GROWTHRATEQTY 13/03/2000 16:49:24 13/03/200
JICA INDEX WK 13/03/2000 16:49:25 13/03/200
Clear



ISIC	REGISTRATIONNO	ESTABLISHMENTNAM	ESTABLISHMEI	ESTABLISHMEI	ESTABLISHMEI	MOO	SO
173010	3-028(01)-028/36กท	บริษัท ชนิษฐา อินเตอร์เน	651-6593-5	253-3477	463/28-29		
173010	3-024(00)-003/14กท	บริษัท โรงงานไทยแลนด์	3811955	3913976	34		กล้วยน้ำไ
269410	3-057(01)-003/35รบ	บริษัท ไทยสถาปนา จำกั	032-281053,01-	032-281053	156	7	
155310	ศ3-020(01)-001/34ชม	บริษัท บุญรอดบริวเวอรี่	6694900 (7120)	6695451	33/1	3	
332010	น3-082(00)-003/35กท	บริษัท โรเด็นทสต๊อก(ประ					
332010	ส3-082(00)-001/35นบ	บริษัท ไทยโปลีเมอร์เลนส์					
332010	จ3-082(00)-002/36นบ	บริษัท เซ็นทรัล เลนส์ อิน					
332010	น3-082(00)-003/36กท	บริษัท โซลาร์ เลนส์ จำกัด					
332010	3-082(00)-001/15นบ	บริษัท อุตสาหกรรมแว่นต					
332010	น3-082(00)-001/33กท	บริษัท โรเด็นสต๊อก (ประเ					
332010	ส3-082(00)-001/32นบ	บริษัท โปลีเมอร์ เลมส์ จำ					
332010	3-082(00)-001/37ปท	บริษัท ไทยโฮยา เลนส์ จำ					
171110	3-022(01)-001/33รบ	บ.สยามอะคริลิค จก.			99	1	
171110	3-022(01)-001/37ลบ	บ.อินโดเวิร์ธ (ประเทศไท			63	11	
171110	3-022(01)-002/34อย	บ.มาดี สปินนิ่ง จก.	244695-6		22	3	
171110	น3-022(01)-001/35สค	บ.ชุมแสง เท็กซ์ไทล์ จก.	034-490029	034-490092	1/114		นิคมฯสมุ
171110	3-022(01)-005/30สป	บ.นำทอง เท็กซ์ไทล์ จก.			99	9	แพรกษา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JICA_CONTRIBUTIONFORCOMMODITY 13/03/2000 16:49:14 13/03/200
JICA_CONTRIBUTIONFORINDUSTRY 13/03/2000 16:49:14 13/03/200
JICA_CONVMASTER_WK1 13/03/2000 16:49:15 13/03/200
JICA_CPMYRAWEST 14/03/2000 10:54:41 14/03/200
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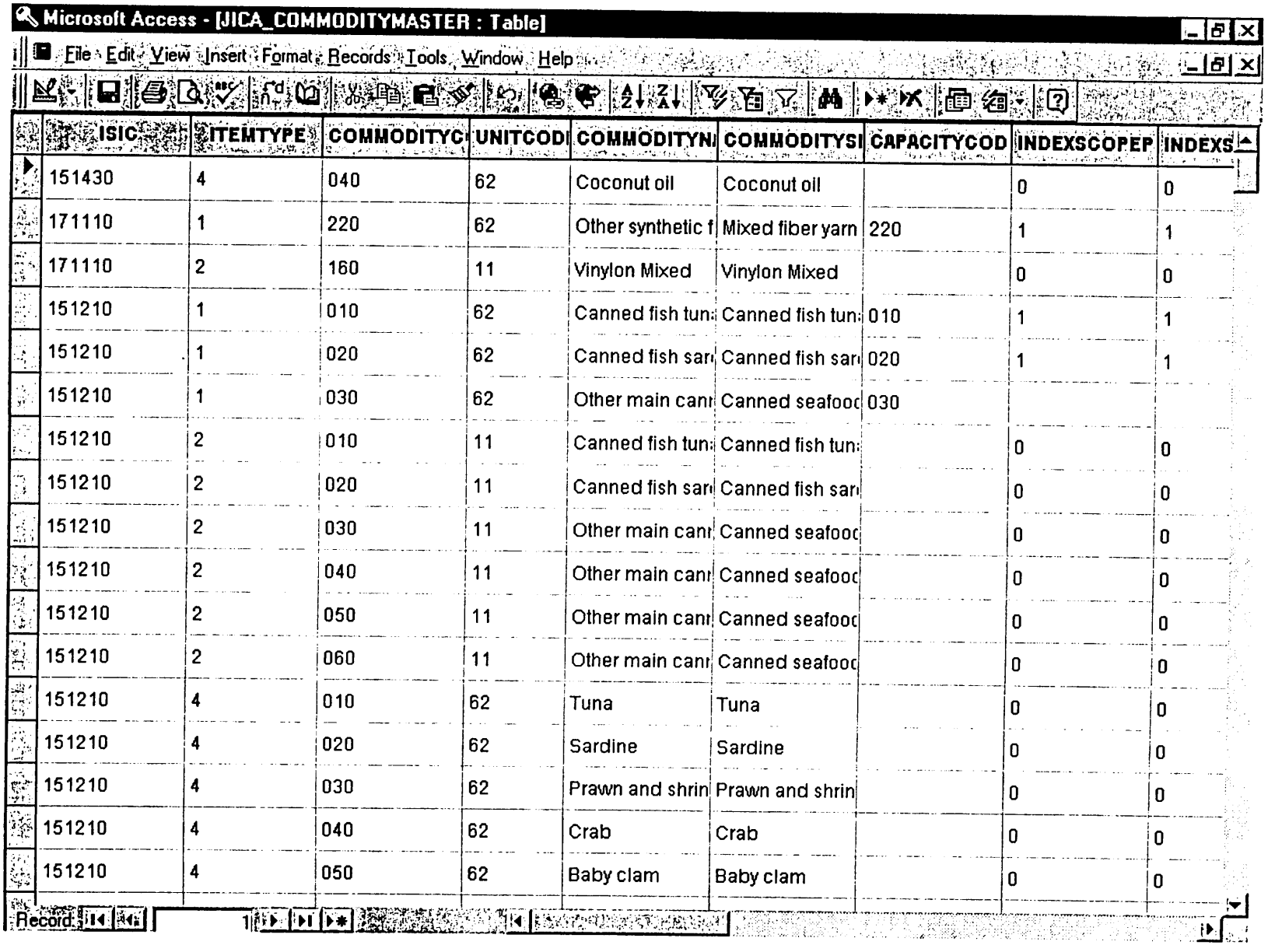

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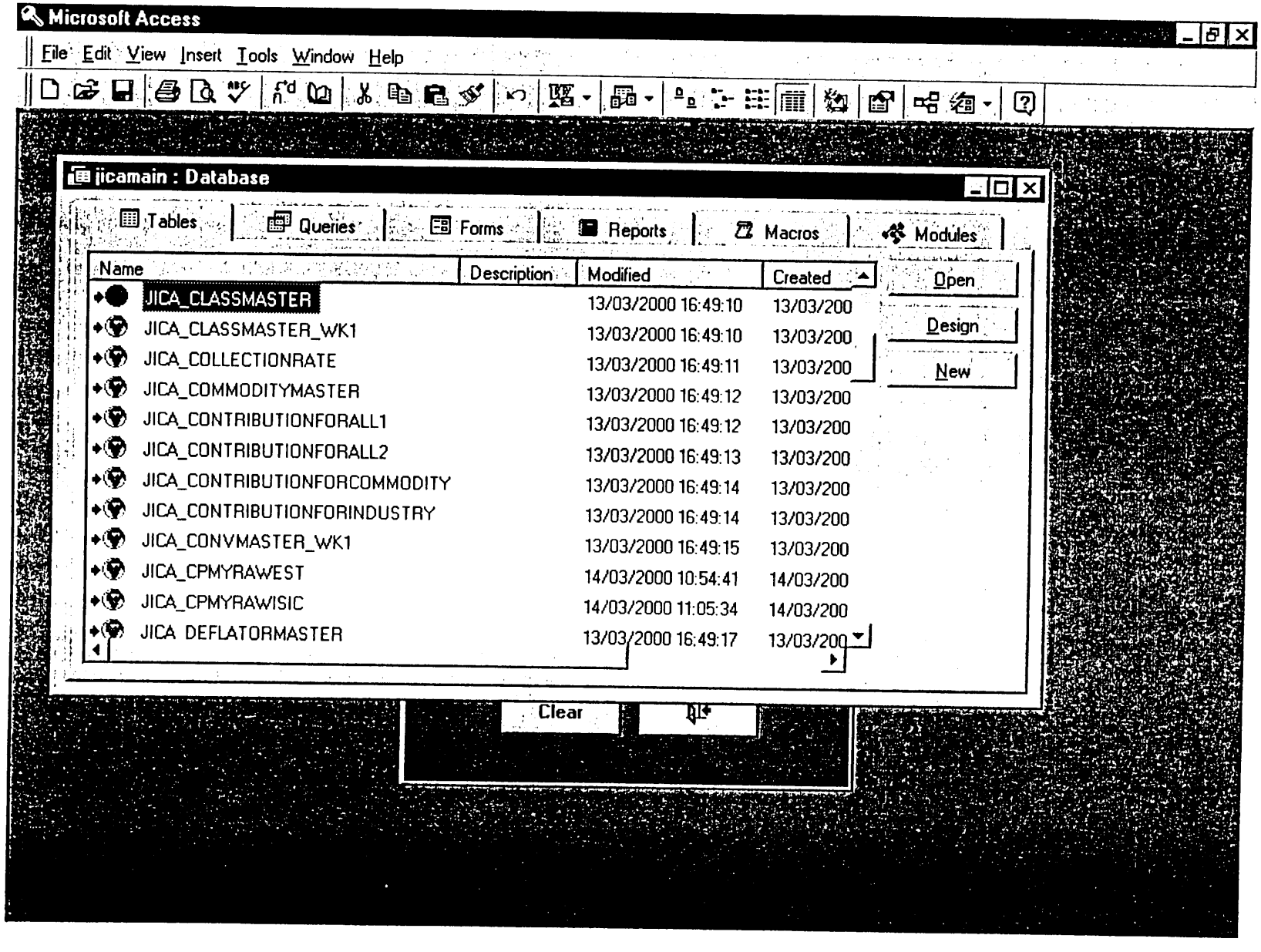
151430	4	040	62	Coconut oil	Coconut oil		0	0
171110	1	220	62	Other synthetic f	Mixed fiber yarn	220	1	1
171110	2	160	11	Vinylon Mixed	Vinylon Mixed		0	0
151210	1	010	62	Canned fish tun	Canned fish tun	010	1	1
151210	1	020	62	Canned fish sar	Canned fish sar	020	1	1
151210	1	030	62	Other main can	Canned seafooc	030		
151210	2	010	11	Canned fish tun	Canned fish tun		0	0
151210	2	020	11	Canned fish sar	Canned fish sar		0	0
151210	2	030	11	Other main can	Canned seafooc		0	0
151210	2	040	11	Other main can	Canned seafooc		0	0
151210	2	050	11	Other main can	Canned seafooc		0	0
151210	2	060	11	Other main can	Canned seafooc		0	0
151210	4	010	62	Tuna	Tuna		0	0
151210	4	020	62	Sardine	Sardine		0	0
151210	4	030	62	Prawn and shrin	Prawn and shrin		0	0
151210	4	040	62	Crab	Crab		0	0
151210	4	050	62	Baby clam	Baby clam		0	0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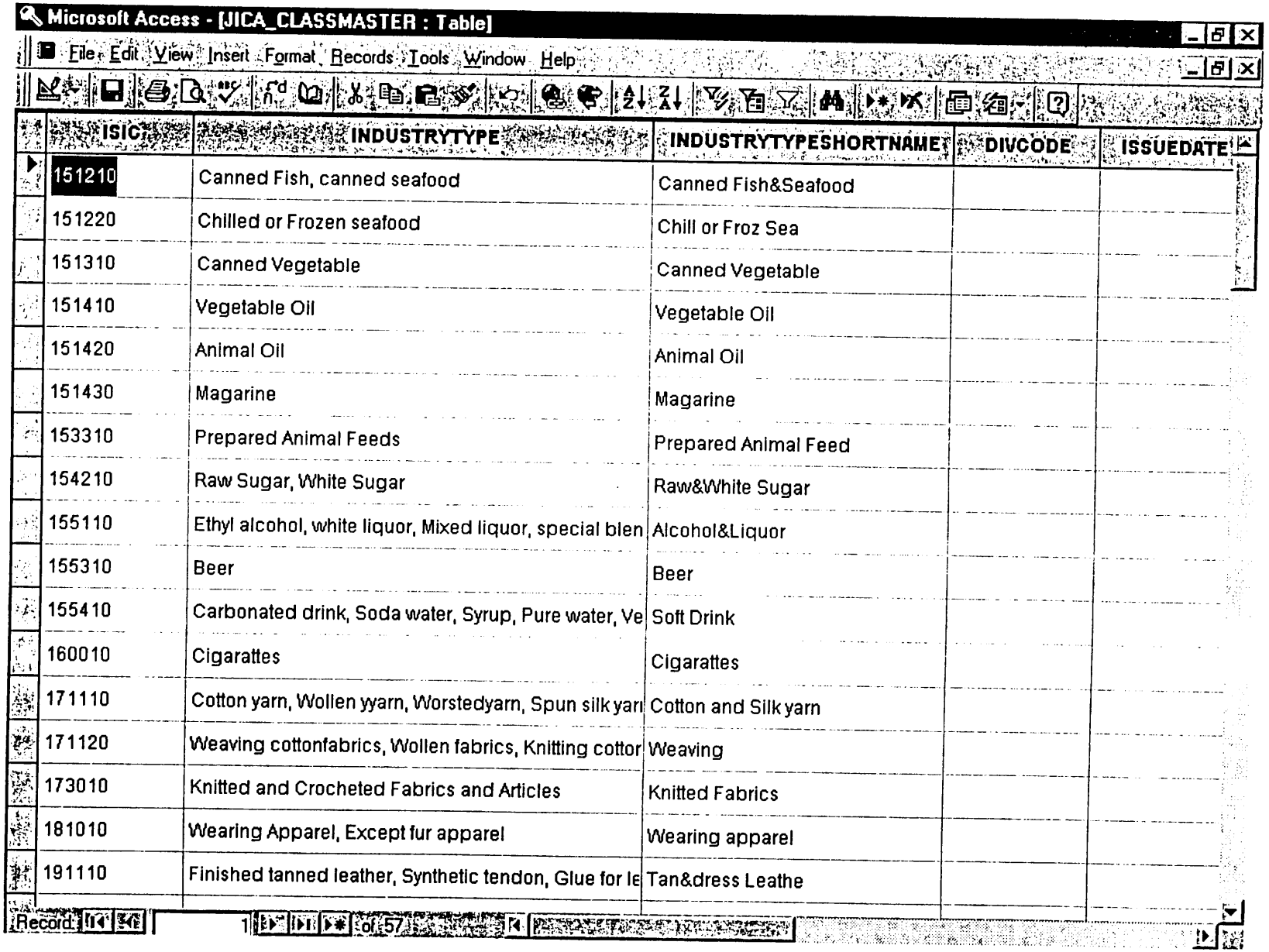
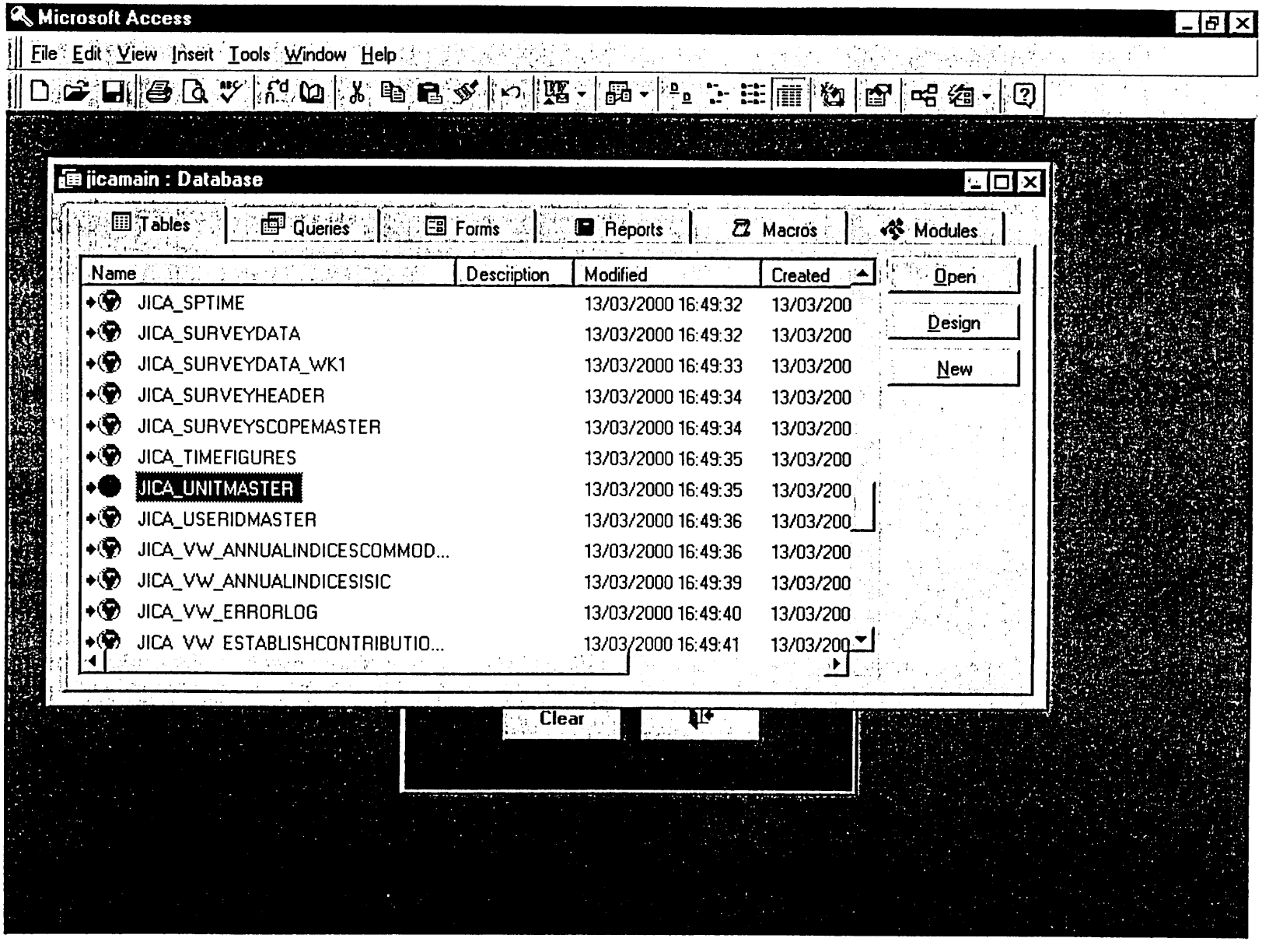


ISIC	INDUSTRYTYPE	INDUSTRYTYPESHORTNAME	DIVCODE	ISSUEDATE
151210	Canned Fish, canned seafood	Canned Fish&Seafood		
151220	Chilled or Frozen seafood	Chill or Froz Sea		
151310	Canned Vegetable	Canned Vegetable		
151410	Vegetable Oil	Vegetable Oil		
151420	Animal Oil	Animal Oil		
151430	Magarine	Magarine		
153310	Prepared Animal Feeds	Prepared Animal Feed		
154210	Raw Sugar, White Sugar	Raw&White Sugar		
155110	Ethyl alcohol, white liquor, Mixed liquor, special blen	Alcohol&Liquor		
155310	Beer	Beer		
155410	Carbonated drink, Soda water, Syrup, Pure water, Ve	Soft Drink		
160010	Cigarattes	Cigarattes		
171110	Cotton yarn, Wollen yyarn, Worstedyarn, Spun silk yarı	Cotton and Silk yarn		
171120	Weaving cottonfabrics, Wollen fabrics, Knitting cottor	Weaving		
173010	Knitted and Crocheted Fabrics and Articles	Knitted Fabrics		
181010	Wearing Apparel, Except fur apparel	Wearing apparel		
191110	Finished tanned leather, Synthetic tendon, Glue for le	Tan&dress Leathe		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JICA_VW_ANNUALINDICESISIC 13/03/2000 16:49:39 13/03/200
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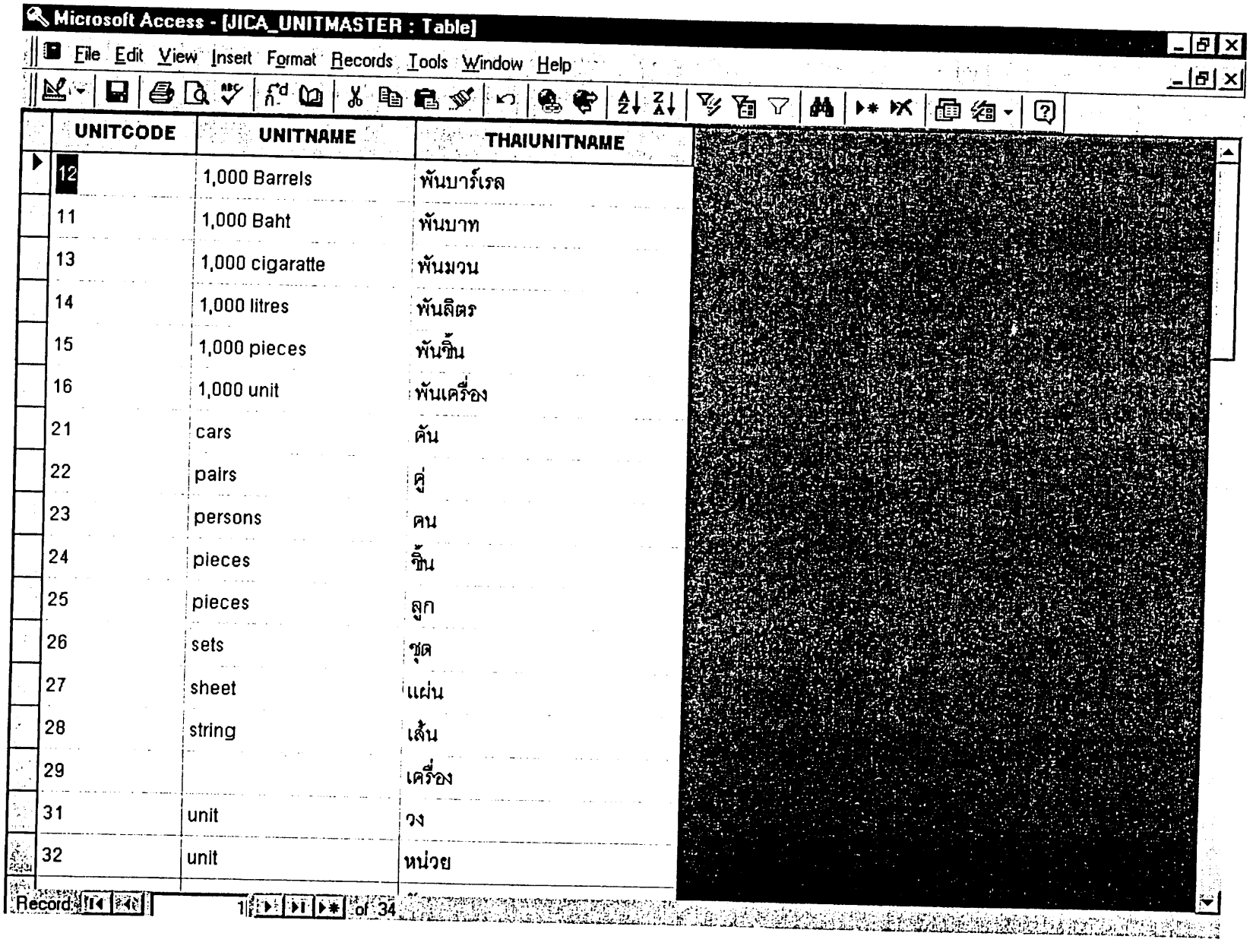
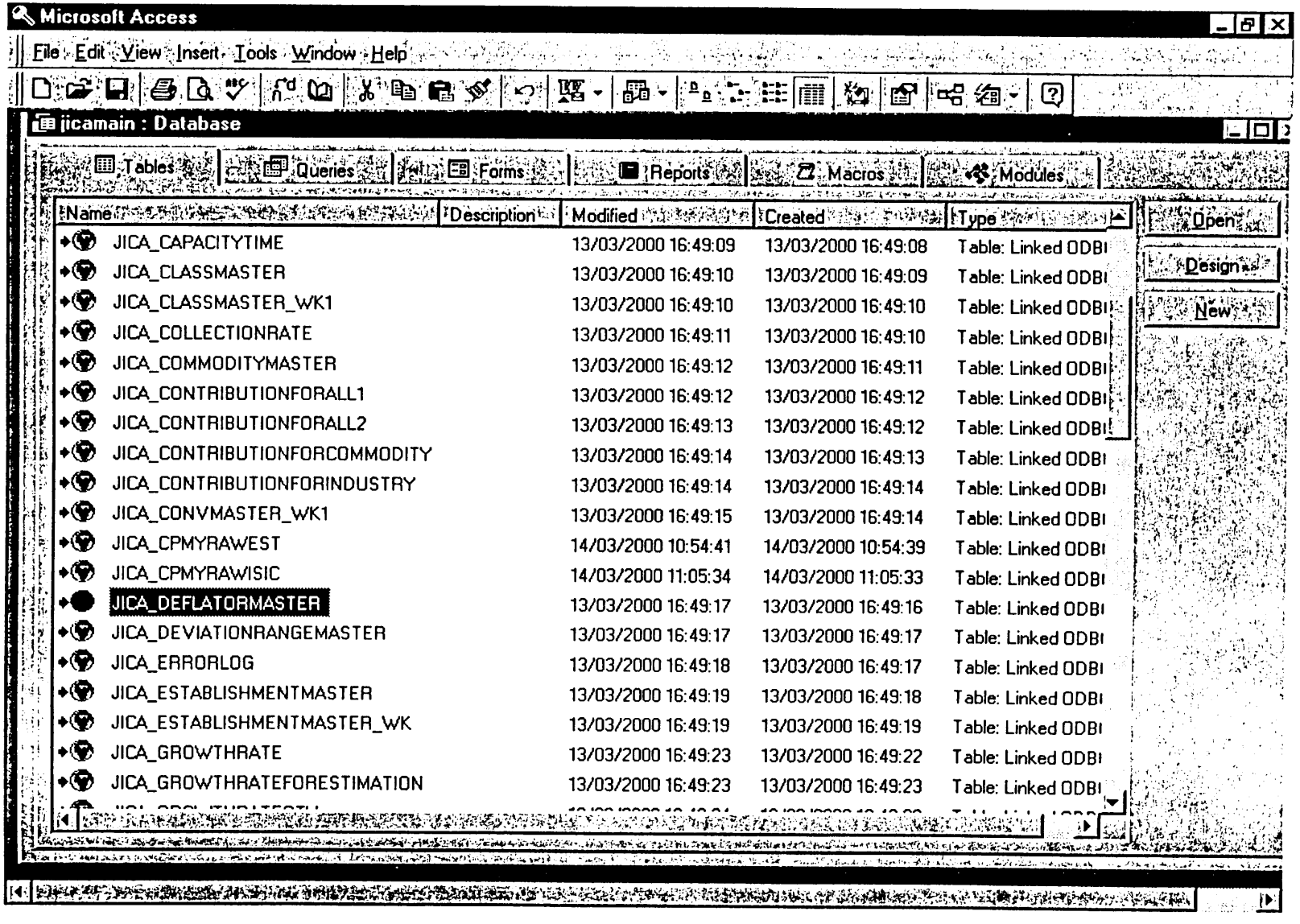


UNITCODE	UNITNAME	THAIUNITNAME
12	1,000 Barrels	พันบาร์เรล
11	1,000 Baht	พันบาท
13	1,000 cigaratte	พันมวน
14	1,000 litres	พันลิตร
15	1,000 pieces	พันชิ้น
16	1,000 unit	พันเครื่อง
21	cars	คัน
22	pairs	คู่
23	persons	คน
24	pieces	ชิ้น
25	pieces	ลูก
26	sets	ชุด
27	sheet	แผ่น
28	string	เส้น
29		เครื่อง
31	unit	วง
32	unit	หน่วย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JICA_ERRORLOG 13/03/2000 16:49:18 13/03/2000 16:49:17 Table: Linked ODBI
JICA_ESTABLISHMENTMASTER 13/03/2000 16:49:19 13/03/2000 16:49:18 Table: Linked ODBI
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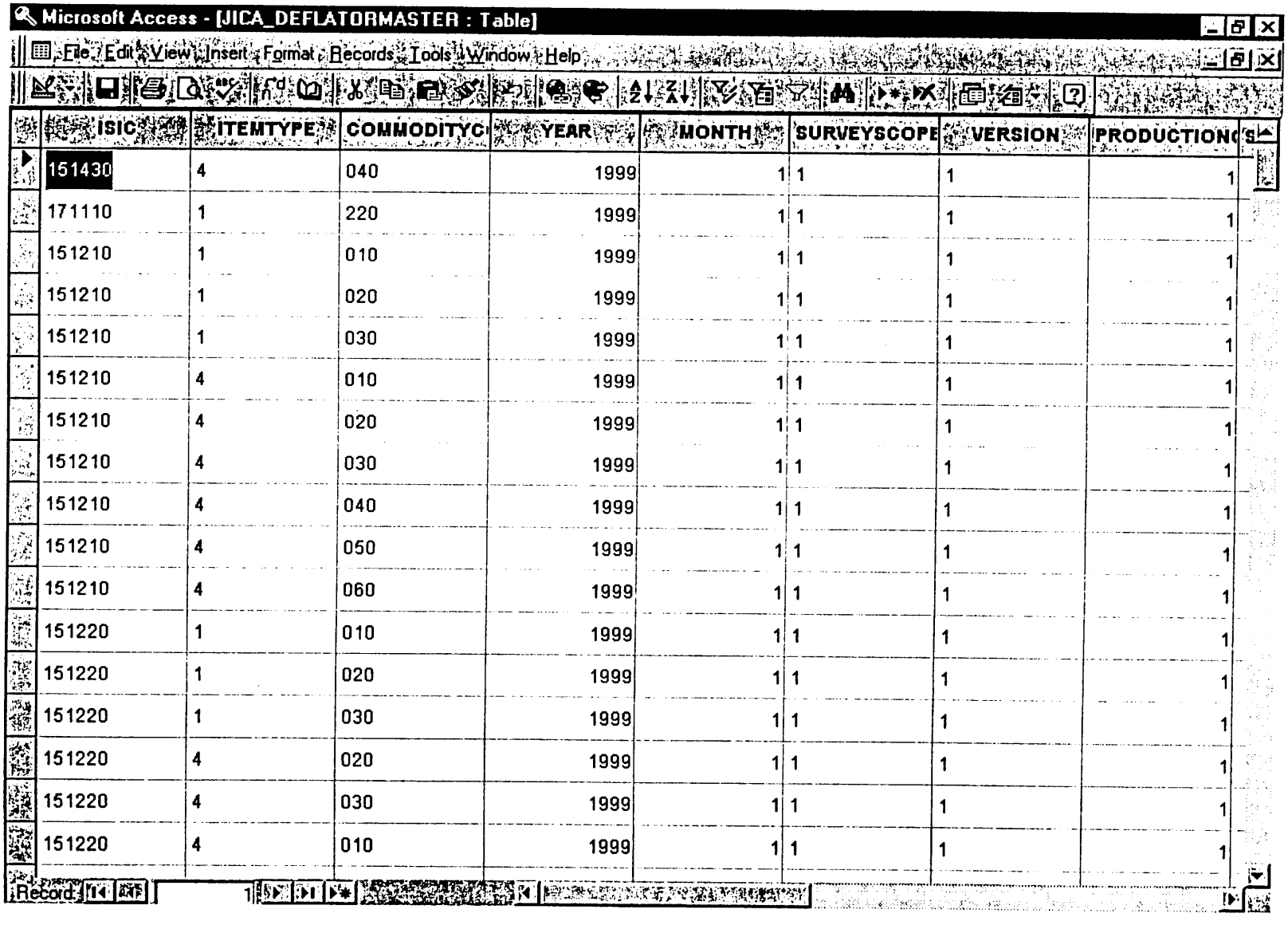

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151210	1	010	1999	1	1	1	1
151210	1	020	1999	1	1	1	1
151210	1	030	1999	1	1	1	1
151210	4	010	1999	1	1	1	1
151210	4	020	1999	1	1	1	1
151210	4	030	1999	1	1	1	1
151210	4	040	1999	1	1	1	1
151210	4	050	1999	1	1	1	1
151210	4	060	1999	1	1	1	1
151220	1	010	1999	1	1	1	1
151220	1	020	1999	1	1	1	1
151220	1	030	1999	1	1	1	1
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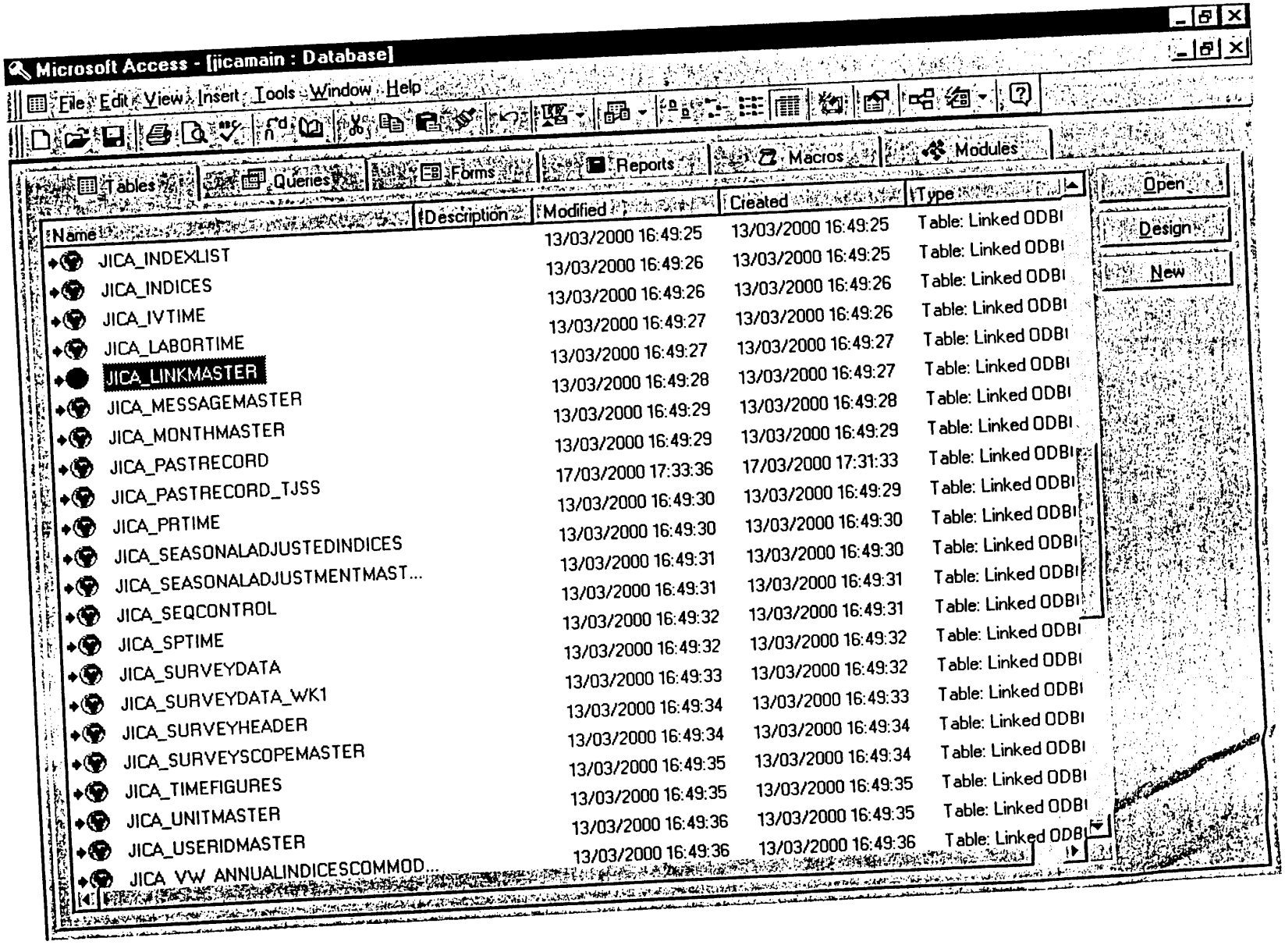
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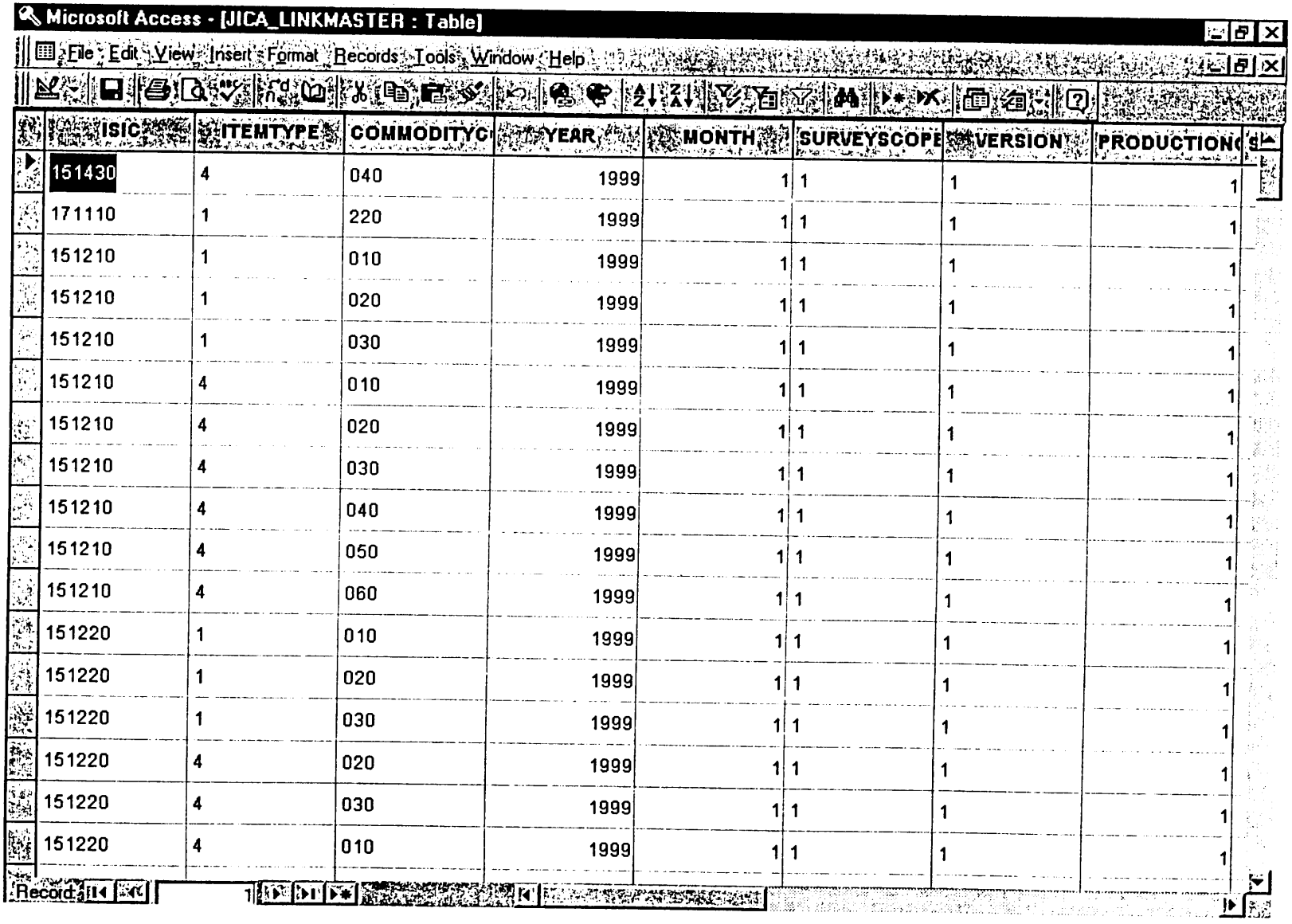

ISIC	ITEMTYPE	COMMODITYC	YEAR	MONTH	SURVEYSCOPE	VERSION	PRODUCTION
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151210	1	010	1999	1	1	1	1
151210	1	020	1999	1	1	1	1
151210	1	030	1999	1	1	1	1
151210	4	010	1999	1	1	1	1
151210	4	020	1999	1	1	1	1
151210	4	030	1999	1	1	1	1
151210	4	040	1999	1	1	1	1
151210	4	050	1999	1	1	1	1
151210	4	060	1999	1	1	1	1
151220	1	010	1999	1	1	1	1
151220	1	020	1999	1	1	1	1
151220	1	030	1999	1	1	1	1
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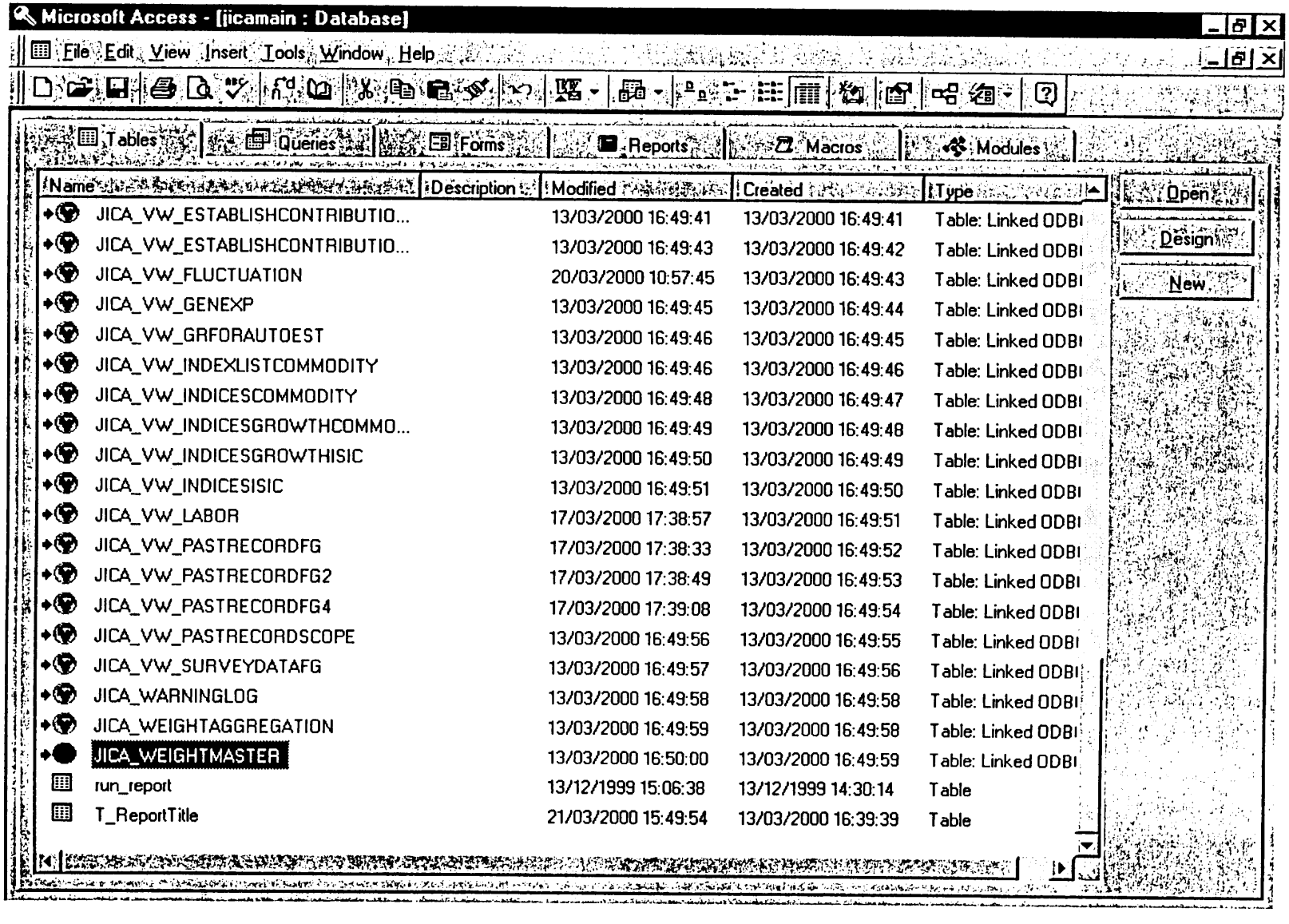
151220	4	010	1999	1	1	1	1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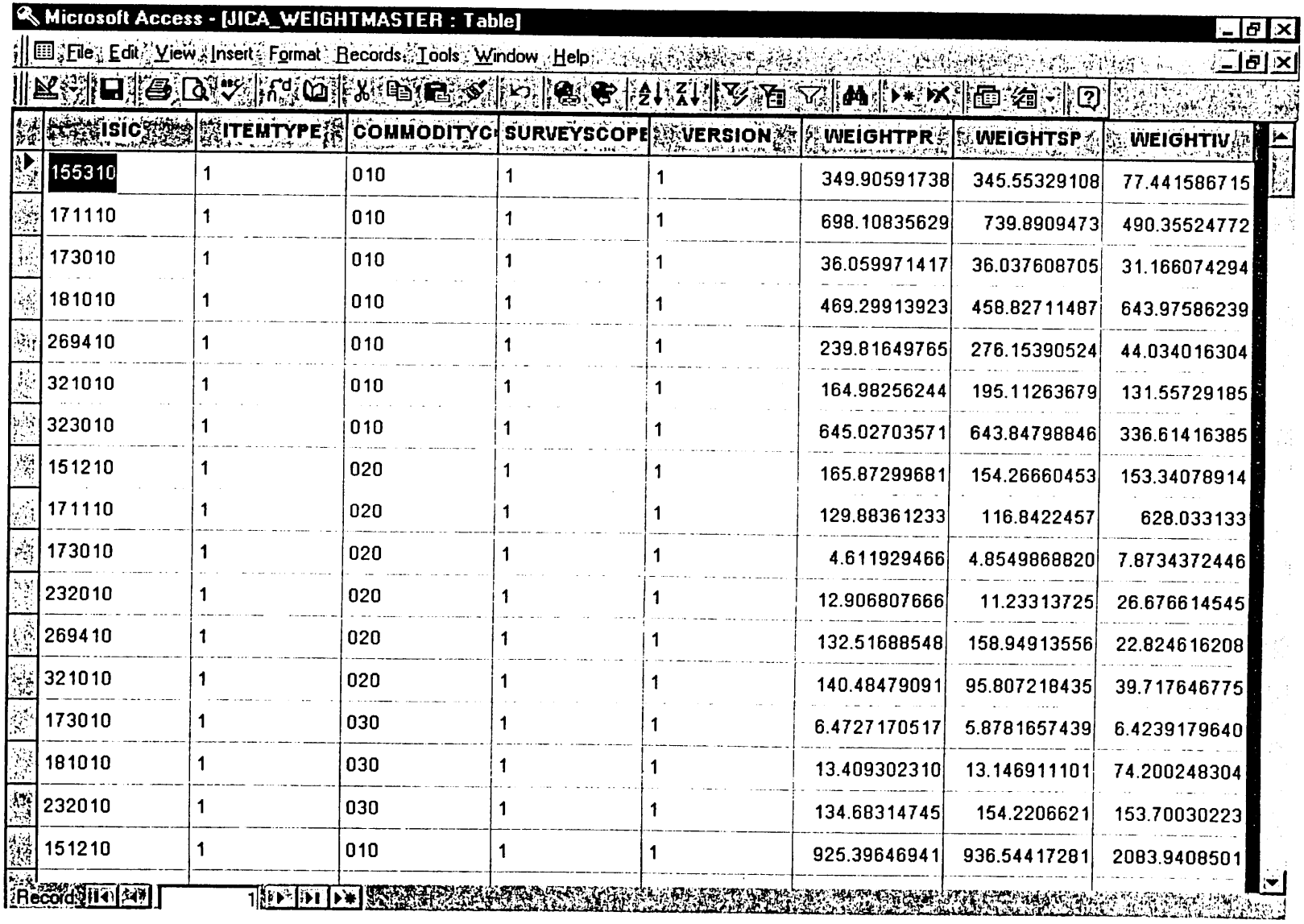

ISIC	ITEMTYPE	COMMODITYC	SURVEYSCOPE	VERSION	WEIGHTPR	WEIGHTSP	WEIGHTIV
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171110	1	010	1	1	698.10835629	739.8909473	490.35524772
173010	1	010	1	1	36.059971417	36.037608705	31.166074294
181010	1	010	1	1	469.29913923	458.82711487	643.97586239
269410	1	010	1	1	239.81649765	276.15390524	44.034016304
321010	1	010	1	1	164.98256244	195.11263679	131.55729185
323010	1	010	1	1	645.02703571	643.84798846	336.61416385
151210	1	020	1	1	165.87299681	154.26660453	153.34078914
171110	1	020	1	1	129.88361233	116.8422457	628.033133
173010	1	020	1	1	4.611929466	4.8549868820	7.8734372446
232010	1	020	1	1	12.906807666	11.23313725	26.676614545
269410	1	020	1	1	132.51688548	158.94913556	22.824616208
321010	1	020	1	1	140.48479091	95.807218435	39.717646775
173010	1	030	1	1	6.4727170517	5.8781657439	6.4239179640
181010	1	030	1	1	13.409302310	13.146911101	74.200248304
232010	1	030	1	1	134.68314745	154.2206621	153.70030223
151210	1	010	1	1	925.39646941	936.54417281	2083.9408501

Time Series List of Figures by Commodity/0301

Production Qty

Year: 2000 ***Commodity Group:*** Canned Fish&Seafood ***Report Type:*** Revised

ISIC: 151210 ***Survey Scope:*** Pilot 400

Actual Value

Commodity	Unit	'1999 Avg.	'1999 Total	'2000 Total	Quantity											
					JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
010 Canned fish tuna	ton	1,206.2	142,331.5	12,990.4	8,174.1	4,026.3	790.0									
020 Canned fish sardine	ton	458.6	59,163.9	5,612.0	4,537.6	811.4	263.0									
030 Canned seafood prawn	ton	28.3	509.0													
040 Canned seafood crab	ton	22.5	450.0													
050 Canned seafood clam	ton	7.4	134.0	1,580.0		790.0	790.0									
060 Canned seafood squid	ton	0.0	0.0													

Growth Rate against the Previous Month

Commodity	Unit	Quantity											
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
010 Canned fish tuna	ton	-15.7	-50.7	-80.4									
020 Canned fish sardine	ton	8.6	-82.1	-67.6									
030 Canned seafood prawn	ton												
040 Canned seafood crab	ton												
050 Canned seafood clam	ton			0.0									
060 Canned seafood squid	ton												

Growth Rate against the Same Month of Previous Year

Commodity	Unit	'1999 Total	'2000 Total	Quantity											
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
010 Canned fish tuna	ton		-90.9	-33.2	-67.8	-94.8									
020 Canned fish sardine	ton		-90.5	-4.9	-79.0	-94.5									
030 Canned seafood prawn	ton														
040 Canned seafood crab	ton														
050 Canned seafood clam	ton		1,079.1		100.0	100.0									
060 Canned seafood squid	ton														

Index List of the Growth Rate by Industry in all Manufacturing (Pattern-2) / 0402

3 . Inventory

Year 2000 ***Classification:*** All Manufacturing ***Report Type:*** Revised

Month: 1 ***Survey Scope:*** Pilot 400

Industry		Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
		This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
1512	Fish Products	158.5	148.8	100.0	6.49	58.48	1.96	13.08	235.38	115.79
3230	TV,Radio,Associate	361.0	235.7	100.0	53.16	260.99	5.15	11.84	619.14	104.81
3210	Electronic Compon	159.9	156.2	100.0	2.42	59.94	0.22	3.78	25.92	33.45
1810	Wearing except Fur	132.8	135.9	100.0	-2.32	32.78	-0.26	2.95	-30.90	26.10
1730	Knitted Crochet	247.0	132.7	100.0	86.15	146.99	1.04	1.48	125.46	13.11
2320	Refined Petroleum	115.5	109.9	100.0	5.15	15.52	0.42	1.27	50.28	11.20
1553	Malt Liquors, Malt	124.4	57.8	100.0	115.37	24.39	0.47	0.19	56.20	1.67
2694	Cement,Lime	90.6	90.1	100.0	0.60	-9.37	0.01	-0.12	0.73	-1.02
1711	Preparation Textile	59.4	72.1	100.0	-17.62	-40.58	-3.21	-11.30	-385.48	-100.03
3410	Motor Vehicle	36.7	65.9	100.0	-44.27	-63.25	-4.96	-11.87	-596.73	-105.08
All Manufacturing		111.3	110.4	100.0	0.83	11.30	0.83	11.30	100.00	100.00

Index List of the Growth Rate by Industry in all Manufacturing (Pattern-2) / 0402

4 . Inventory Ratio

Year 2000 ***Classification:*** All Manufacturing ***Report Type:*** Revised

Month: 1 ***Survey Scope:*** Pilot 400

Industry		Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
		This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
1711	Preparation Textile	48.8	69.4	100.0	-29.71	-51.24	-6.45	-14.27	-66.29	614.48
3410	Motor Vehicle	62.9	46.5	100.0	35.17	-37.09	3.45	-6.96	35.48	299.77
2694	Cement,Lime	85.4	119.3	100.0	-28.42	-14.60	-0.47	-0.18	-4.81	7.72
1553	Malt Liquors, Malt	107.8	42.0	100.0	156.99	7.81	0.57	0.06	5.89	-2.61
3210	Electronic Compon	107.0	99.5	100.0	7.59	7.00	0.53	0.44	5.49	-19.00
1730	Knitted Crochet	195.4	115.7	100.0	68.96	95.43	0.90	0.96	9.28	-41.41
1810	Wearing except Fur	120.7	101.7	100.0	18.67	20.67	1.92	1.86	19.73	-80.06
2320	Refined Petroleum	137.4	122.2	100.0	12.47	37.44	1.40	3.05	14.35	-131.40
3230	TV,Radio,Associate	231.4	161.5	100.0	43.26	131.38	3.56	5.96	36.62	-256.67
1512	Fish Products	130.2	113.1	100.0	15.15	30.19	4.30	6.75	44.26	-290.82
All Manufacturing		97.7	89.0	100.0	9.73	-2.32	9.73	-2.32	100.00	100.00

Index List of the Growth Rate by Industry in all Manufacturing (Pattern-2) / 0402

5 . Capcity Utilization

Year 2000 ***Classification:*** All Manufacturing ***Report Type:*** Revised

Month: 1 ***Survey Scope:*** Pilot 400

Industry		Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
		This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
3210	Electronic Compon	396.4	95.5	100.0	315.22	296.42	22.43	31.62	191.41	52.78
3230	TV,Radio,Associate	233.5	238.5	100.0	-2.10	133.49	-0.34	12.88	-2.88	21.50
3410	Motor Vehicle	130.5	173.6	100.0	-24.84	30.50	-10.63	10.76	-90.74	17.97
1810	Wearing except Fur	123.7	116.0	100.0	6.57	23.67	0.45	1.99	3.82	3.31
1512	Fish Products	112.1	123.0	100.0	-8.92	12.07	-0.97	1.53	-8.28	2.55
1711	Preparation Textile	110.9	103.1	100.0	7.62	10.94	0.71	1.42	6.08	2.37
1730	Knitted Crochet	107.3	103.3	100.0	3.92	7.32	0.03	0.06	0.21	0.11
2694	Cement,Lime	97.1	77.8	100.0	24.74	-2.91	0.73	-0.16	6.22	-0.26
1553	Malt Liquors, Malt	95.2	119.4	100.0	-20.28	-4.84	-0.69	-0.20	-5.85	-0.33
2320	Refined Petroleum	0.0	0.0	0.0						
All Manufacturing		159.9	143.1	100.0	11.72	59.91	11.72	59.91	100.00	100.00

Index List of the Growth Rate by Industry in all Manufacturing (Pattern-2) / 0402

6 . Labor Productivity

Year 2000 ***Classification:*** All Manufacturing ***Report Type:*** Revised

Month: 1 ***Survey Scope:*** Pilot 400

Industry		Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
		This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
3230	TV,Radio,Associate	140.6	156.4	100.0	-10.10	40.56	-1.08	3.38	6.12	753.81
3210	Electronic Compon	130.7	134.0	100.0	-2.48	30.68	-0.25	2.82	1.43	630.28
2320	Refined Petroleum	109.5	90.8	100.0	20.55	9.48	2.10	1.30	-11.94	290.76
2694	Cement,Lime	111.3	89.2	100.0	24.72	11.29	0.85	0.53	-4.80	117.87
1711	Preparation Textile	101.5	113.7	100.0	-10.70	1.50	-1.12	0.17	6.34	37.61
1512	Fish Products	101.0	116.4	100.0	-13.27	0.98	-1.38	0.11	7.85	23.76
1810	Wearing except Fur	100.4	93.8	100.0	7.10	0.44	0.40	0.03	-2.24	7.12
1730	Knitted Crochet	93.7	90.2	100.0	3.91	-6.30	0.02	-0.05	-0.13	-10.75
1553	Malt Liquors, Malt	70.3	87.0	100.0	-19.18	-29.71	-0.48	-1.04	2.72	-232.12
3410	Motor Vehicle	77.7	144.4	100.0	-46.23	-22.34	-16.67	-6.80	94.65	-1518.35
All Manufacturing		100.4	121.9	100.0	-17.62	0.45	-17.62	0.45	100.00	100.00

Index List of the Growth Rate by Commodity in the industry (Pattern-3) / 0403

1 . Production

Year: 2000 ***ISIC:*** 1512 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Fish Products ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Canned fish sardine	120.0	110.6	100.0	8.57	20.04	1.21	3.05	-9.86	67.87
Canned fish tuna	101.7	120.6	100.0	-15.68	1.70	-13.47	1.44	109.86	32.13
Total	104.5	119.1	100.0	-12.26	4.49	-12.26	4.49	100.00	100.00

1 . Production

Year: 2000 ***ISIC:*** 1553 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Malt Liquors, Malt ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Beer	111.6	132.4	100.0	-15.73	11.61	-15.73	11.61	100.00	100.00
Total	111.6	132.4	100.0	-15.73	11.61	-15.73	11.61	100.00	100.00

1 . Production

Year: 2000 ***ISIC:*** 1711 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Preparation Textile ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Cotton yarn(pure)	128.7	117.6	100.0	9.46	28.70	5.67	17.89	871.41	78.13
Mixed fiber yarn	168.7	130.8	100.0	28.94	68.67	1.67	3.70	256.40	16.15
Pure fiber yarn	126.2	102.0	100.0	23.62	26.15	1.00	1.32	152.91	5.76
Polyester Mixed	120.8	92.1	100.0	31.13	20.79	0.95	0.84	145.97	3.68
Cotton yarn(Mixed)	99.6	159.3	100.0	-37.45	-0.38	-5.66	-0.04	-869.80	-0.19
Polyester Pure	93.0	124.3	100.0	-25.17	-6.96	-2.98	-0.81	-456.90	-3.53
Total	122.9	122.1	100.0	0.65	22.89	0.65	22.89	100.00	100.00

1 . Production

Year: 2000 ***ISIC:*** 1730 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Knitted Crochet ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Knitted Other (Men)	269.2	203.9	100.0	32.03	169.22	5.55	14.33	19.48	51.17
Knitted Under (Lady)	129.1	100.9	100.0	27.96	29.14	7.51	7.73	26.36	27.61
Knitted Outer (Men)	113.6	75.9	100.0	49.61	13.61	17.84	6.42	62.61	22.93
Knitted Under (Men)	141.0	134.1	100.0	5.11	40.97	0.41	2.47	1.46	8.83
Knitted Outer (Lady)	75.0	98.8	100.0	-24.06	-24.96	-2.82	-2.95	-9.90	-10.54
Total	128.0	99.6	100.0	28.49	27.99	28.49	27.99	100.00	100.00

Index List of the Growth Rate by Commodity in the industry (Pattern-3) / 0403

1 . Production

Year: 2000 ***ISIC:*** 1810 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Wearing except Fur ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Woven Outer (Men)	117.8	116.6	100.0	1.10	17.85	0.70	11.57	284.17	59.87
Woven Under (Lady)	206.4	93.7	100.0	120.34	106.42	6.75	7.58	2,752.37	39.23
Woven Outer (Lady)	101.7	132.5	100.0	-23.23	1.69	-6.77	0.44	-2,761.86	2.29
Woven Other (Men)	85.5	113.0	100.0	-24.35	-14.50	-0.43	-0.27	-174.68	-1.39
Total	119.3	119.0	100.0	0.25	19.33	0.25	19.33	100.00	100.00

1 . Production

Year: 2000 ***ISIC:*** 2320 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Refined Petroleum ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Gas (unlead) Oct 91	126.8	143.4	100.0	-11.58	26.79	-1.75	2.63	-20.25	228.98
Fuel oil 2	120.1	90.2	100.0	33.15	20.11	2.61	1.63	30.22	142.34
Liq petroleum gas	169.0	172.1	100.0	-1.76	69.05	-0.08	1.63	-0.89	142.25
Fuel oil 4	116.7	114.1	100.0	2.35	16.74	0.03	0.17	0.33	14.61
Diesel oil Low speed	112.6	48.8	100.0	130.88	12.59	0.27	0.05	3.11	4.30
Naphtha	101.4	80.5	100.0	26.00	1.42	0.51	0.03	5.94	2.82
Gas (unlead) Oct 87	90.3	180.6	100.0	-50.00	-9.71	-0.91	-0.09	-10.55	-7.96
Kerosene	62.4	23.2	100.0	169.48	-37.55	0.23	-0.20	2.64	-17.69
Fuel oil 3	52.4	95.2	100.0	-45.00	-47.62	-0.25	-0.26	-2.95	-22.93
Jet fuel	94.8	117.8	100.0	-19.57	-5.24	-1.62	-0.34	-18.74	-29.80
Diesel High speed	99.1	81.2	100.0	22.15	-0.86	8.34	-0.37	96.68	-32.23
Asphalt	69.8	60.4	100.0	15.58	-30.24	0.19	-0.56	2.15	-48.49
Fuel oil 1	64.7	86.8	100.0	-25.48	-35.32	-0.55	-0.82	-6.37	-71.20
Fuel oil 5	58.1	73.6	100.0	-21.07	-41.88	-0.43	-1.07	-4.94	-93.48
Gas(unlead)Oct95up	92.7	81.9	100.0	13.21	-7.29	2.04	-1.28	23.62	-111.52
Total	101.1	93.1	100.0	8.63	1.15	8.63	1.15	100.00	100.00

1 . Production

Year: 2000 ***ISIC:*** 2694 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Cement,Lime ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Other cement	484.6	378.4	100.0	28.06	384.61	0.65	2.03	3.32	64.35
portland cement	102.4	82.2	100.0	24.51	2.41	11.98	1.23	61.39	39.15
Clinkers	101.0	79.4	100.0	27.11	0.96	4.76	0.18	24.42	5.79
mixed cement	99.0	92.5	100.0	6.98	-1.03	2.12	-0.29	10.86	-9.28
Total	102.4	86.4	100.0	18.61	2.44	19.51	3.15	100.00	100.00

Index List of the Growth Rate by Commodity in the industry (Pattern-3) / 0403

1 . Production

Year: 2000 ***ISIC:*** 3210 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Electronic Component ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Monolitric IC	175.8	174.3	100.0	0.86	75.81	0.26	21.61	-6.35	38.31
Other IC	144.0	156.8	100.0	-8.16	44.00	-2.06	11.59	49.84	20.55
Cathode For color TV	154.7	150.1	100.0	3.11	54.72	0.51	9.81	-12.36	17.39
Ray tube for com	149.8	194.3	100.0	-22.87	49.83	-4.16	7.61	100.35	13.49
Transistors	148.4	130.6	100.0	13.62	48.38	1.30	5.79	-31.47	10.26
Total	156.4	163.2	100.0	-4.14	56.40	-4.14	56.40	100.00	100.00

1 . Production

Year: 2000 ***ISIC:*** 3230 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** TV,Radio,Associated ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Color TV Under	160.5	138.0	100.0	16.30	60.53	12.45	46.91	-174.99	155.81
Color TV equal to 21	44.3	169.4	100.0	-73.83	-55.67	-11.15	-6.95	156.68	-23.09
Video tape floor	1.7	119.3	100.0	-98.54	-98.26	-8.42	-9.85	118.30	-32.72
Total	130.1	140.1	100.0	-7.11	30.10	-7.11	30.10	100.00	100.00

1 . Production

Year: 2000 ***ISIC:*** 3410 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Motor Vehicle ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
T 1 ton space (2w)	37.9	153.8	100.0	-75.34	-62.09	-39.07	-33.71	72.11	128.50
OPV	14.3	86.4	100.0	-83.47	-85.71	-8.36	-15.99	15.42	60.94
Car 2,001-2,400 cc	171.3	229.1	100.0	-25.22	71.31	-3.88	7.70	7.16	-29.37
Car 1,501-1,800 cc	196.9	225.4	100.0	-12.64	96.94	-2.88	15.76	5.31	-60.07
Total	73.8	161.0	100.0	-54.18	-26.23	-54.18	-26.23	100.00	100.00

Index List of the Growth Rate by Commodity in the industry (Pattern-3) / 0403

2 . Shipment

Year: 2000 ***ISIC:*** 1512 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Fish Products ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Canned fish tuna	124.6	135.3	100.0	-7.92	24.60	-6.96	21.12	91.54	95.31
Canned fish sardine	107.3	113.3	100.0	-5.30	7.34	-0.64	1.04	8.46	4.69
Total	122.2	132.2	100.0	-7.60	22.16	-7.60	22.16	100.00	100.00

2 . Shipment

Year: 2000 ***ISIC:*** 1553 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Malt Liquors, Malt ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Beer	115.4	137.7	100.0	-16.19	15.38	-16.19	15.38	100.00	100.00
Total	115.4	137.7	100.0	-16.19	15.38	-16.19	15.38	100.00	100.00

2 . Shipment

Year: 2000 ***ISIC:*** 1711 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Preparation Textile ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Cotton yarn(pure)	128.7	111.2	100.0	15.73	28.69	9.15	19.54	176.40	52.72
Cotton yarn(Mixed)	178.5	283.6	100.0	-37.07	78.48	-8.68	8.44	-167.36	22.77
Pure fiber yarn	196.3	105.9	100.0	85.42	96.30	3.59	4.98	69.27	13.44
Mixed fiber yarn	235.6	28.8	100.0	719.05	135.62	3.85	3.29	74.18	8.86
Polyester Mixed	130.3	104.6	100.0	24.58	30.29	0.65	1.00	12.54	2.69
Polyester Pure	98.2	141.2	100.0	-30.43	-1.77	-3.37	-0.18	-65.04	-0.49
Total	137.1	130.3	100.0	5.18	37.07	5.18	37.07	100.00	100.00

2 . Shipment

Year: 2000 ***ISIC:*** 1730 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Knitted Crochet ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Knitted Other (Men)	269.2	203.9	100.0	32.03	169.22	4.40	13.11	79.12	61.35
Knitted Under (Lady)	134.4	114.7	100.0	17.20	34.42	4.48	8.98	80.50	42.04
Knitted Under (Men)	131.8	145.7	100.0	-9.52	31.84	-0.77	2.04	-13.88	9.53
Knitted Outer (Men)	98.5	92.8	100.0	6.23	-1.46	2.39	-0.69	42.91	-3.25
Knitted Outer (Lady)	83.2	129.3	100.0	-35.70	-16.84	-4.93	-2.07	-88.65	-9.68
Total	121.4	115.0	100.0	5.56	21.36	5.56	21.36	100.00	100.00

Index List of the Growth Rate by Commodity in the industry (Pattern-3) / 0403

2 . Shipment

Year: 2000 ***ISIC:*** 1810 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Wearing except Fur ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Woven Outer (Men)	110.4	127.5	100.0	-13.45	10.37	-8.51	6.86	61.96	45.95
Woven Under (Lady)	209.4	116.7	100.0	79.40	109.42	4.29	6.75	-31.25	45.22
Woven Outer (Lady)	104.0	152.3	100.0	-31.71	3.97	-9.34	1.02	68.01	6.86
Woven Other (Men)	115.5	127.9	100.0	-9.68	15.50	-0.18	0.29	1.28	1.97
Total	114.9	133.2	100.0	-13.74	14.93	-13.74	14.93	100.00	100.00

2 . Shipment

Year: 2000 ***ISIC:*** 2320 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Refined Petroleum ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Diesel High speed	76.6	83.5	100.0	-8.26	-23.43	-3.31	-10.32	45.04	69.62
Gas(unlead)Oct95up	79.0	76.8	100.0	2.89	-21.02	0.47	-4.13	-6.46	27.88
Jet fuel	88.0	91.7	100.0	-4.04	-11.96	-0.31	-0.92	4.22	6.18
Asphalt	51.8	50.6	100.0	2.34	-48.25	0.02	-0.85	-0.31	5.74
Fuel oil 2	92.5	112.1	100.0	-17.48	-7.50	-1.17	-0.41	15.98	2.78
Fuel oil 1	82.6	106.0	100.0	-22.10	-17.40	-0.49	-0.33	6.68	2.26
Fuel oil 5	80.6	70.1	100.0	15.10	-19.35	0.16	-0.27	-2.20	1.83
Fuel oil 4	88.2	112.2	100.0	-21.35	-11.76	-0.25	-0.11	3.34	0.75
Fuel oil 3	82.4	111.8	100.0	-26.32	-17.65	-0.12	-0.07	1.66	0.45
Gas (unlead) Oct 87	97.7	168.8	100.0	-42.11	-2.27	-0.63	-0.02	8.55	0.12
Kerosene	137.6	40.0	100.0	243.78	37.59	0.24	0.08	-3.23	-0.57
Diesel oil Low speed	140.9	99.9	100.0	41.08	40.88	0.10	0.09	-1.33	-0.60
Liq petroleum gas	111.5	119.0	100.0	-6.32	11.45	-0.25	0.36	3.46	-2.40
Gas (unlead) Oct 91	106.4	125.2	100.0	-15.04	6.37	-2.28	0.71	31.10	-4.78
Naphtha	218.2	180.6	100.0	20.83	118.19	0.48	1.37	-6.49	-9.27
Total	85.2	91.9	100.0	-7.34	-14.83	-7.34	-14.83	100.00	100.00

2 . Shipment

Year: 2000 ***ISIC:*** 2694 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Cement,Lime ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
portland cement	105.6	86.4	100.0	22.26	5.57	11.81	3.18	92.57	69.73
Other cement	392.1	360.8	100.0	8.67	292.08	0.24	2.06	1.87	45.26
Clinkers	109.4	63.5	100.0	72.37	9.42	4.38	0.83	34.37	18.30
mixed cement	95.4	105.8	100.0	-9.82	-4.62	-3.67	-1.52	-28.80	-33.29
Total	104.0	92.8	100.0	12.02	4.01	12.76	4.56	100.00	100.00

Index List of the Growth Rate by Commodity in the industry (Pattern-3) / 0403

2 . Shipment

Year: 2000 ***ISIC:*** 3210 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Electronic Component ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Monolitric IC	177.5	180.8	100.0	-1.80	77.50	-0.51	21.03	3.59	42.11
Other IC	158.5	167.7	100.0	-5.47	58.53	-1.58	17.59	11.21	35.21
Cathode For color TV	128.8	118.0	100.0	9.13	28.80	1.29	6.02	-9.15	12.05
Transistors	136.9	130.4	100.0	5.01	36.90	0.44	4.30	-3.10	8.61
Ray tube for com	109.8	343.5	100.0	-68.03	9.82	-13.73	1.01	97.44	2.02
Total	149.9	174.5	100.0	-14.09	49.95	-14.09	49.95	100.00	100.00

2 . Shipment

Year: 2000 ***ISIC:*** 3230 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** TV,Radio,Associated ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Color TV Under	156.5	146.2	100.0	7.04	56.49	5.42	44.22	-39.84	155.01
Color TV equal to 21	52.1	203.9	100.0	-74.43	-47.88	-11.46	-5.38	84.29	-18.85
Video tape floor	1.7	108.7	100.0	-98.45	-98.32	-7.55	-10.32	55.56	-36.16
Total	128.5	148.7	100.0	-13.59	28.53	-13.59	28.53	100.00	100.00

2 . Shipment

Year: 2000 ***ISIC:*** 3410 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Motor Vehicle ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
T 1 ton space (2w)	50.3	235.7	100.0	-78.67	-49.72	-39.10	-22.26	58.88	77.66
OPV	17.9	77.2	100.0	-76.79	-82.07	-5.15	-15.14	7.76	52.81
Car 1,501-1,800 cc	106.9	212.8	100.0	-49.78	6.86	-13.39	1.84	20.16	-6.42
Car 2,001-2,400 cc	169.4	356.8	100.0	-52.52	69.42	-8.76	6.89	13.19	-24.04
Total	71.3	212.3	100.0	-66.41	-28.67	-66.41	-28.67	100.00	100.00

Index List of the Growth Rate by Commodity in the industry (Pattern-3) / 0403

3 . Inventory

Year: 2000 ***ISIC:*** 1512 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Fish Products ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Canned fish tuna	145.2	136.7	100.0	6.21	45.18	5.32	42.09	81.89	71.97
Canned fish sardine	339.2	313.6	100.0	8.14	239.16	1.18	16.39	18.11	28.03
Total	158.5	148.8	100.0	6.49	58.48	6.49	58.48	100.00	100.00

3 . Inventory

Year: 2000 ***ISIC:*** 1553 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Malt Liquors, Malt ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Beer	124.4	57.8	100.0	115.37	24.39	115.37	24.39	100.00	100.00
Total	124.4	57.8	100.0	115.37	24.39	115.37	24.39	100.00	100.00

3 . Inventory

Year: 2000 ***ISIC:*** 1711 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Preparation Textile ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Cotton yarn(Mixed)	2.7	57.2	100.0	-95.22	-97.27	-17.02	-21.93	96.64	54.05
Pure fiber yarn	47.1	91.4	100.0	-48.45	-52.86	-10.73	-9.24	60.93	22.76
Cotton yarn(pure)	57.5	49.5	100.0	16.09	-42.54	1.94	-7.49	-11.03	18.45
Polyester Mixed	59.3	46.9	100.0	26.36	-40.75	1.16	-2.76	-6.59	6.81
Mixed fiber yarn	106.2	99.3	100.0	6.88	6.15	0.57	0.37	-3.26	-0.92
Polyester Pure	101.6	85.8	100.0	18.39	1.59	6.46	0.47	-36.68	-1.16
Total	59.4	72.1	100.0	-17.62	-40.58	-17.62	-40.58	100.00	100.00

3 . Inventory

Year: 2000 ***ISIC:*** 1730 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Knitted Crochet ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Knitted Under (Lady)	334.1	145.3	100.0	129.96	234.07	66.35	109.14	77.01	74.25
Knitted Outer (Men)	195.6	114.2	100.0	71.27	95.58	18.97	29.56	22.02	20.11
Knitted Other (Men)	281.7	203.9	100.0	38.13	181.68	3.74	11.58	4.34	7.88
Knitted Under (Men)	111.6	102.1	100.0	9.26	11.57	0.56	0.90	0.65	0.61
Knitted Outer (Lady)	49.2	104.7	100.0	-52.98	-50.76	-3.46	-4.20	-4.01	-2.85
Total	247.0	132.7	100.0	86.15	146.99	86.15	146.99	100.00	100.00

Index List of the Growth Rate by Commodity in the industry (Pattern-3) / 0403

3 . Inventory

Year: 2000 ***ISIC:*** 1810 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Wearing except Fur ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Woven Outer (Lady)	211.6	227.2	100.0	-6.85	111.63	-1.99	19.39	85.75	59.16
Woven Outer (Men)	119.0	120.2	100.0	-0.98	18.98	-0.62	13.59	26.62	41.45
Woven Under (Lady)	114.1	65.9	100.0	73.20	14.10	1.00	0.40	-42.90	1.21
Woven Other (Men)	92.7	104.4	100.0	-11.18	-7.25	-0.71	-0.60	30.52	-1.82
Total	132.8	135.9	100.0	-2.32	32.78	-2.32	32.78	100.00	100.00

3 . Inventory

Year: 2000 ***ISIC:*** 2320 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Refined Petroleum ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Fuel oil 2	384.6	164.7	100.0	133.53	284.65	9.99	14.21	193.88	91.54
Diesel High speed	120.2	82.2	100.0	46.30	20.23	11.92	6.96	231.32	44.87
Fuel oil 5	138.2	150.1	100.0	-7.94	38.17	-0.43	1.50	-8.29	9.69
Gas(unlead)Oct95up	108.5	156.6	100.0	-30.73	8.49	-6.05	1.17	-117.42	7.56
Gas (unlead) Oct 91	104.8	123.4	100.0	-15.06	4.84	-3.19	0.91	-61.91	5.88
Asphalt	101.6	73.2	100.0	38.76	1.57	0.56	0.03	10.79	0.22
Fuel oil 1	100.0	132.1	100.0	-24.25	0.04	-0.47	0.00	-9.07	0.00
Diesel oil Low speed	91.6	83.4	100.0	9.82	-8.36	0.09	-0.10	1.66	-0.62
Fuel oil 3	55.6	88.9	100.0	-37.50	-44.44	-0.21	-0.30	-4.01	-1.95
Liq petroleum gas	63.0	61.2	100.0	2.98	-36.99	0.03	-0.60	0.52	-3.84
Fuel oil 4	72.6	49.8	100.0	45.67	-27.41	0.50	-0.66	9.67	-4.25
Kerosene	13.8	171.5	100.0	-91.93	-86.16	-1.49	-0.89	-28.86	-5.75
Gas (unlead) Oct 87	67.1	74.5	100.0	-10.00	-32.92	-0.22	-1.08	-4.31	-6.94
Naphtha	-128.8	115.5	100.0	-211.46	-228.78	-1.76	-1.81	-34.17	-11.67
Jet fuel	58.6	107.3	100.0	-45.41	-41.42	-4.11	-3.84	-79.79	-24.75
Total	115.5	109.9	100.0	5.15	15.52	5.15	15.52	100.00	100.00

3 . Inventory

Year: 2000 ***ISIC:*** 2694 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Cement,Lime ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
mixed cement	66.3	57.8	100.0	14.67	-33.72	1.75	-6.27	156.61	69.76
Clinkers	88.8	95.7	100.0	-7.16	-11.15	-3.39	-4.97	-303.31	55.31
Other cement	88.7	67.7	100.0	31.01	-11.28	0.14	-0.07	12.76	0.77
portland cement	106.5	99.9	100.0	6.57	6.47	2.61	2.32	233.94	-25.83
Total	90.6	90.1	100.0	0.60	-9.37	1.12	-8.98	100.00	100.00

Index List of the Growth Rate by Commodity in the industry (Pattern-3) / 0403

3 . Inventory

Year: 2000 ***ISIC:*** 3210 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Electronic Component ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Monolitric IC	174.4	158.3	100.0	10.18	74.40	2.74	19.77	113.41	32.98
Cathode For color TV	191.2	192.5	100.0	-0.68	91.15	-0.18	19.02	-7.25	31.73
Other IC	157.1	140.0	100.0	12.20	57.12	3.63	18.97	150.31	31.65
Transistors	110.5	103.7	100.0	6.65	10.54	0.58	1.38	23.80	2.29
Ray tube for com	112.8	220.8	100.0	-48.92	12.79	-4.36	0.81	-180.26	1.34
Total	159.9	156.2	100.0	2.42	59.94	2.42	59.94	100.00	100.00

3 . Inventory

Year: 2000 ***ISIC:*** 3230 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** TV,Radio,Associated ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Color TV Under	486.3	307.3	100.0	58.25	386.28	56.34	286.56	105.98	109.80
Color TV equal to 21	2.0	29.4	100.0	-93.32	-98.03	-1.41	-11.90	-2.66	-4.56
Video tape floor	0.0	30.5	100.0	-99.84	-99.95	-1.77	-13.67	-3.32	-5.24
Total	361.0	235.7	100.0	53.16	260.99	53.16	260.99	100.00	100.00

3 . Inventory

Year: 2000 ***ISIC:*** 3410 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Motor Vehicle ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
T 1 ton space (2w)	4.3	41.1	100.0	-89.57	-95.71	-17.48	-29.94	39.49	47.33
OPV	27.0	88.8	100.0	-69.63	-73.02	-23.96	-18.65	54.12	29.48
Car 2,001-2,400 cc	58.5	56.2	100.0	3.96	-41.53	0.81	-10.01	-1.84	15.83
Car 1,501-1,800 cc	75.6	88.2	100.0	-14.28	-24.40	-3.64	-4.66	8.23	7.36
Total	36.7	65.9	100.0	-44.27	-63.25	-44.27	-63.25	100.00	100.00

Index List of the Growth Rate by Commodity in the industry (Pattern-3) / 0403

4 . Inventory Ratio

Year: 2000 ***ISIC:*** 1512 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Fish Products ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Canned fish tuna	116.5	101.0	100.0	15.34	16.52	12.77	15.39	84.29	50.97
Canned fish sardine	316.0	276.7	100.0	14.19	215.96	2.38	14.80	15.71	49.03
Total	130.2	113.1	100.0	15.15	30.19	15.15	30.19	100.00	100.00

4 . Inventory Ratio

Year: 2000 ***ISIC:*** 1553 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Malt Liquors, Malt ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Beer	107.8	42.0	100.0	156.99	7.81	156.99	7.81	100.00	100.00
Total	107.8	42.0	100.0	156.99	7.81	156.99	7.81	100.00	100.00

4 . Inventory Ratio

Year: 2000 ***ISIC:*** 1711 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Preparation Textile ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Cotton yarn(Mixed)	1.5	20.2	100.0	-92.40	-98.47	-6.06	-22.20	20.39	43.33
Pure fiber yarn	24.0	86.4	100.0	-72.20	-75.98	-15.71	-13.28	52.88	25.91
Cotton yarn(pure)	44.7	44.5	100.0	0.31	-55.35	0.03	-9.74	-0.12	19.02
Polyester Mixed	45.5	44.8	100.0	1.43	-54.52	0.06	-3.70	-0.21	7.21
Mixed fiber yarn	45.1	345.2	100.0	-86.95	-54.95	-26.20	-3.33	88.19	6.49
Polyester Pure	103.4	60.8	100.0	70.16	3.42	18.16	1.01	-61.13	-1.97
Total	48.8	69.4	100.0	-29.71	-51.24	-29.71	-51.24	100.00	100.00

4 . Inventory Ratio

Year: 2000 ***ISIC:*** 1730 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Knitted Crochet ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Knitted Under (Lady)	248.5	126.7	100.0	96.22	148.53	49.13	69.25	71.24	72.57
Knitted Outer (Men)	198.5	123.1	100.0	61.23	98.48	20.15	30.45	29.22	31.91
Knitted Other (Men)	104.6	100.0	100.0	4.62	4.63	0.25	0.30	0.37	0.31
Knitted Under (Men)	84.6	70.1	100.0	20.76	-15.38	0.98	-1.20	1.42	-1.26
Knitted Outer (Lady)	59.2	81.0	100.0	-26.88	-40.79	-1.56	-3.37	-2.26	-3.53
Total	195.4	115.7	100.0	68.96	95.43	68.96	95.43	100.00	100.00

Index List of the Growth Rate by Commodity in the Industry (Pattern-3) / 0403

4 . Inventory Ratio

Year: 2000 ***ISIC:*** 1810 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Wearing except Fur ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Woven Outer (Lady)	203.5	149.2	100.0	36.40	103.54	9.28	17.99	49.70	87.03
Woven Outer (Men)	107.8	94.2	100.0	14.41	7.80	9.55	5.58	51.18	27.01
Woven Under (Lady)	54.5	56.4	100.0	-3.46	-45.52	-0.05	-1.28	-0.29	-6.18
Woven Other (Men)	80.3	81.7	100.0	-1.66	-19.70	-0.11	-1.62	-0.59	-7.86
Total	120.7	101.7	100.0	18.67	20.67	18.67	20.67	100.00	100.00

4 . Inventory Ratio

Year: 2000 ***ISIC:*** 2320 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Refined Petroleum ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Diesel High speed	157.0	98.5	100.0	59.47	57.01	16.50	19.63	132.25	52.43
Fuel oil 2	415.8	146.9	100.0	183.00	315.82	10.98	15.77	88.06	42.11
Gas(unlead)Oct95up	137.4	204.0	100.0	-32.68	37.36	-7.54	5.16	-60.42	13.79
Fuel oil 5	171.3	214.2	100.0	-20.02	71.33	-1.38	2.81	-11.08	7.51
Asphalt	196.3	144.8	100.0	35.58	96.26	0.91	2.07	7.28	5.54
Fuel oil 1	121.1	124.5	100.0	-2.75	21.12	-0.05	0.34	-0.36	0.91
Fuel oil 3	67.5	79.5	100.0	-15.18	-32.54	-0.07	-0.22	-0.54	-0.59
Gas (unlead) Oct 91	98.6	98.6	100.0	-0.03	-1.43	0.00	-0.27	-0.04	-0.72
Diesel oil Low speed	65.0	83.6	100.0	-22.16	-34.95	-0.17	-0.40	-1.39	-1.07
Fuel oil 4	82.3	44.4	100.0	85.21	-17.73	0.75	-0.43	5.97	-1.14
Liq petroleum gas	56.5	51.4	100.0	9.92	-43.46	0.07	-0.70	0.54	-1.87
Kerosene	10.1	428.6	100.0	-97.65	-89.94	-3.55	-0.93	-28.46	-2.49
Gas (unlead) Oct 87	68.6	44.2	100.0	55.45	-31.36	0.66	-1.03	5.26	-2.74
Naphtha	-59.0	64.0	100.0	-192.24	-159.02	-0.80	-1.26	-6.39	-3.36
Jet fuel	66.5	117.0	100.0	-43.11	-33.46	-3.83	-3.10	-30.67	-8.29
Total	137.4	122.2	100.0	12.47	37.44	12.47	37.44	100.00	100.00

4 . Inventory Ratio

Year: 2000 ***ISIC:*** 2694 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Cement,Lime ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Clinkers	81.2	150.8	100.0	-46.14	-18.80	-25.98	-8.38	92.42	58.93
mixed cement	69.5	54.6	100.0	27.16	-30.51	2.31	-5.67	-8.23	39.89
Other cement	22.6	18.8	100.0	20.56	-77.37	0.02	-0.47	-0.07	3.33
portland cement	100.9	115.7	100.0	-12.83	0.85	-4.46	0.31	15.88	-2.15
Total	85.4	119.3	100.0	-28.42	-14.60	-28.11	-14.21	100.00	100.00

Index List of the Growth Rate by Commodity in the industry (Pattern-3) / 0403

4 . Inventory Ratio

Year: 2000 ***ISIC:*** 3210 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Electronic Component ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Cathode For color TV	148.4	163.1	100.0	-8.99	48.41	-3.08	10.10	-40.55	144.30
Ray tube for com	102.7	64.3	100.0	59.75	2.70	2.43	0.17	32.07	2.43
Other IC	99.1	83.5	100.0	18.70	-0.89	5.21	-0.30	68.72	-4.22
Monolitric IC	98.3	87.6	100.0	12.21	-1.75	2.86	-0.46	37.63	-6.64
Transistors	80.7	79.5	100.0	1.56	-19.25	0.16	-2.51	2.14	-35.87
Total	107.0	99.5	100.0	7.59	7.00	7.59	7.00	100.00	100.00

4 . Inventory Ratio

Year: 2000 ***ISIC:*** 3230 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** TV,Radio,Associated ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Color TV Under	310.7	210.2	100.0	47.84	210.73	46.19	156.33	106.76	118.99
Color TV equal to 21	3.8	14.4	100.0	-73.86	-96.23	-0.80	-11.68	-1.85	-8.89
Video tape floor	3.0	28.0	100.0	-89.45	-97.04	-2.12	-13.27	-4.91	-10.10
Total	231.4	161.5	100.0	43.26	131.38	43.26	131.38	100.00	100.00

4 . Inventory Ratio

Year: 2000 ***ISIC:*** 3410 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Motor Vehicle ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
T 1 ton space (2w)	8.5	17.5	100.0	-51.10	-91.47	-5.99	-28.61	-17.04	77.13
Car 2,001-2,400 cc	34.5	15.8	100.0	118.95	-65.49	9.71	-15.78	27.61	42.56
Car 1,501-1,800 cc	70.7	41.4	100.0	70.69	-29.25	12.01	-5.58	34.15	15.05
OPV	150.5	115.0	100.0	30.80	50.45	19.44	12.88	55.28	-34.74
Total	62.9	46.5	100.0	35.17	-37.09	35.17	-37.09	100.00	100.00

Index List of the Growth Rate by Commodity in the industry (Pattern-3) / 0403

5 . Capcity Utilization

Year: 2000 ***ISIC:*** 1512 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Fish Products ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Canned fish tuna	110.3	125.3	100.0	-11.98	10.31	-10.35	8.74	116.04	72.45
Canned fish sardine	121.9	110.3	100.0	10.50	21.88	1.43	3.33	-16.04	27.55
Total	112.1	123.0	100.0	-8.92	12.07	-8.92	12.07	100.00	100.00

5 . Capcity Utilization

Year: 2000 ***ISIC:*** 1553 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Malt Liquors, Malt ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Beer	95.2	119.4	100.0	-20.28	-4.84	-20.28	-4.84	100.00	100.00
Total	95.2	119.4	100.0	-20.28	-4.84	-20.28	-4.84	100.00	100.00

5 . Capcity Utilization

Year: 2000 ***ISIC:*** 1711 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Preparation Textile ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Cotton yarn(Conyarn)	113.9	101.7	100.0	12.01	13.87	7.38	8.64	96.87	79.01
Cotton yarn(conyarn)	105.9	107.8	100.0	-1.76	5.87	-0.21	0.68	-2.80	6.22
Pure fiber yarn	112.6	75.1	100.0	49.87	12.62	1.83	0.64	24.06	5.82
Polyester Pure	104.6	116.6	100.0	-10.29	4.60	-1.35	0.53	-17.72	4.88
Mixed fiber yarn	106.5	114.0	100.0	-6.55	6.53	-0.39	0.35	-5.11	3.22
Polyester Mixed	102.3	93.2	100.0	9.79	2.32	0.36	0.09	4.70	0.86
Total	110.9	103.1	100.0	7.62	10.94	7.62	10.94	100.00	100.00

5 . Capcity Utilization

Year: 2000 ***ISIC:*** 1730 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Knitted Crochet ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Knitted Under (Lady)	143.7	101.9	100.0	41.08	43.73	10.75	11.59	273.90	158.45
Knitted Other (Men)	117.8	95.7	100.0	23.07	17.78	1.81	1.51	46.14	20.57
Knitted Under (Men)	112.0	106.7	100.0	5.04	12.04	0.31	0.73	8.00	9.92
Knitted Outer (Men)	95.7	106.5	100.0	-10.22	-4.35	-4.97	-2.05	-126.77	-28.02
Knitted Outer (Lady)	62.3	97.0	100.0	-35.77	-37.70	-3.97	-4.46	-101.27	-60.92
Total	107.3	103.3	100.0	3.92	7.32	3.92	7.32	100.00	100.00

Index List of the Growth Rate by Commodity in the industry (Pattern-3) / 0403

5 . Capcity Utilization

Year: 2000 ***ISIC:*** 1810 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Wearing except Fur ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Woven Outer (Men)	127.3	116.5	100.0	9.32	27.33	6.07	17.72	92.30	74.87
Woven Outer (Lady)	117.4	122.2	100.0	-3.91	17.40	-1.08	4.56	-16.43	19.25
Woven Under (Lady)	115.9	78.4	100.0	47.91	15.90	2.30	1.13	35.08	4.79
Woven Other (Men)	114.0	159.0	100.0	-28.33	13.96	-0.72	0.26	-10.94	1.09
Total	123.7	116.0	100.0	6.57	23.67	6.57	23.67	100.00	100.00

5 . Capcity Utilization

Year: 2000 ***ISIC:*** 2694 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Cement,Lime ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Clinkers	85.2	63.8	100.0	33.63	-14.79	5.26	-2.83	20.46	128.66
mixed cement	97.0	81.9	100.0	18.41	-3.04	5.49	-0.86	21.34	39.18
portland cement	100.2	78.3	100.0	27.91	0.20	14.41	0.10	55.99	-4.57
Other cement	363.6	279.4	100.0	30.12	263.55	0.57	1.39	2.22	-63.27
Total	97.1	77.8	100.0	24.74	-2.91	25.74	-2.20	100.00	100.00

5 . Capcity Utilization

Year: 2000 ***ISIC:*** 3210 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Electronic Component ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Ray tube for com	1,643.0	16.2	100.0	10049.06	1543.01	260.13	235.56	82.52	79.47
Cathode For color TV	285.8	19.7	100.0	1353.37	185.80	49.98	33.31	15.85	11.24
Monolitric IC	164.7	141.1	100.0	16.78	64.73	7.07	18.45	2.24	6.22
Other IC	120.1	136.0	100.0	-11.70	20.11	-4.39	5.30	-1.39	1.79
Transistors	131.8	112.4	100.0	17.30	31.81	2.43	3.80	0.77	1.28
Total	396.4	95.5	100.0	315.22	296.42	315.22	296.42	100.00	100.00

5 . Capcity Utilization

Year: 2000 ***ISIC:*** 3230 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** TV,Radio,Associated ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Color TV Under	281.3	276.3	100.0	1.82	181.30	1.64	140.49	-77.99	105.24
Color TV equal to 21	124.1	123.0	100.0	0.95	24.13	0.06	3.01	-2.91	2.26
Video tape floor	0.1	90.4	100.0	-99.85	-99.87	-3.79	-10.01	180.90	-7.50
Total	233.5	238.5	100.0	-2.10	133.49	-2.10	133.49	100.00	100.00

Index List of the Growth Rate by Commodity in the industry (Pattern-3) / 0403

5 . Capcity Utilization

Year: 2000 ***ISIC:*** 3410 ***Survey Scope:*** Pilot 400

Month: 1 ***Industry Type:*** Motor Vehicle ***Report Type:*** Revised

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
T 1 ton space (2w)	159.4	231.6	100.0	-31.18	59.37	-22.58	32.24	90.90	105.69
Car 1,501-1,800 cc	151.2	135.7	100.0	11.43	51.19	1.45	8.32	-5.85	27.28
Car 2,001-2,400 cc	132.8	123.8	100.0	7.27	32.76	0.56	3.54	-2.25	11.61
OPV	27.1	66.9	100.0	-59.48	-72.90	-4.27	-13.60	17.20	-44.58
Total	130.5	173.6	100.0	-24.84	30.50	-24.84	30.50	100.00	100.00

Time Series List of Figures by Commodity/0301

Shipment Qty

Year: 2000 ***Commodity Group:*** Canned Fish&Seafood ***Report Type:*** Revised

ISIC: 151210 ***Survey Scope:*** Pilot 400

Actual Value

Commodity	Unit	'1999 Avg.	'1999 Total	'2000 Total	Quantity											
					JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
010 Canned fish tuna	ton	1,255.9	148,190.4	15,521.5	9,243.6	5,474.0	804.0									
020 Canned fish sardine	ton	374.6	48,325.3	4,451.8	3,544.4	646.4	261.0									
030 Canned seafood prawn	ton	36.2	652.0													
040 Canned seafood crab	ton	40.2	804.0													
050 Canned seafood clam	ton	9.0	162.0	1,608.0		804.0	804.0									
060 Canned seafood squid	ton	0.0	0.0													

Growth Rate against the Previous Month

Commodity	Unit	Quantity											
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
010 Canned fish tuna	ton	-7.9	-40.8	-85.3									
020 Canned fish sardine	ton	-5.3	-81.8	-59.6									
030 Canned seafood prawn	ton												
040 Canned seafood crab	ton												
050 Canned seafood clam	ton			0.0									
060 Canned seafood squid	ton												

Growth Rate against the Same Month of Previous Year

Commodity	Unit	'1999 Total	'2000 Total	Quantity											
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
010 Canned fish tuna	ton		-89.5	-21.3	-56.4	-94.5									
020 Canned fish sardine	ton		-90.8	-15.8	-80.3	-93.6									
030 Canned seafood prawn	ton														
040 Canned seafood crab	ton														
050 Canned seafood clam	ton		892.6		100.0	100.0									
060 Canned seafood squid	ton														

Time Series List of Figures by Commodity/0301

Inventory Qty

Year: 2000 ***Commodity Group:*** Canned Fish&Seafood ***Report Type:*** Revised

ISIC: 151210 ***Survey Scope:*** Pilot 400

Actual Value

Commodity	Unit	'1999 Avg.	'1999 Total	'2000 Total	Quantity											
					JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
010 Canned fish tuna	ton	1,131.7	133,542.1	9,682.8	8,458.6	1,154.1	70.0						-			
020 Canned fish sardine	ton	191.1	24,657.5	3,082.9	2,294.7	748.2	40.0									
030 Canned seafood prawn	ton	89.9	1,618.0													
040 Canned seafood crab	ton	77.9	1,557.0													
050 Canned seafood clam	ton	20.1	361.0	154.0		84.0	70.0									
060 Canned seafood squid	ton	0.0	0.0													

Growth Rate against the Previous Month

Commodity	Unit	Quantity											
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
010 Canned fish tuna	ton	6.2	-86.4	-93.9									
020 Canned fish sardine	ton	8.1	-67.4	-94.7									
030 Canned seafood prawn	ton												
040 Canned seafood crab	ton												
050 Canned seafood clam	ton			-16.7									
060 Canned seafood squid	ton												

Growth Rate against the Same Month of Previous Year

Commodity	Unit	'1999 Total	'2000 Total	Quantity											
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
010 Canned fish tuna	ton		-92.7	4.1	-85.8	-99.2									
020 Canned fish sardine	ton		-87.5	76.3	-50.1	-97.9									
030 Canned seafood prawn	ton														
040 Canned seafood crab	ton														
050 Canned seafood clam	ton		-57.3		8,300.0	6,900.0									
060 Canned seafood squid	ton														

Time Series List of Figures by Commodity/0301

Shipment Value

Year: 2000 ***Commodity Group:*** Canned Fish&Seafood ***Report Type:*** Revised

ISIC: 151210 ***Survey Scope:*** Pilot 400

Actual Value

Commodity	Unit	'1999 Avg.	'1999 Total	'2000 Total	Quantity											
					JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
010 Canned fish tuna	1,000 Bah	102,906.5	2,142,971.7	1,586,615.9	726,303.0	560,884.9	299,428.0									
020 Canned fish sardine	1,000 Bah	14,033.1	1,810,276.0	285,082.8	138,610.4	138,594.4	7,878.0									
030 Canned seafood prawn	1,000 Bah	13,620.1	245,162.0													
040 Canned seafood crab	1,000 Bah	11,597.6	231,952.0	299,428.0		299,428.0										
050 Canned seafood clam	1,000 Bah	2,213.8	39,848.0	299,428.0		299,428.0										
060 Canned seafood squid	1,000 Bah	0.0	0.0													
999	1,000 Bah	71,768.1	4,497,157.6	1,383,797.9	927,648.7	448,271.2	7,878.0									

Growth Rate against the Previous Month

Commodity	Unit	Quantity											
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
010 Canned fish tuna	1,000 Bah	-11.2	-22.8	-46.6									
020 Canned fish sardine	1,000 Bah	-1.9	0.0	-94.3									
030 Canned seafood prawn	1,000 Bah												
040 Canned seafood crab	1,000 Bah												
050 Canned seafood clam	1,000 Bah												
060 Canned seafood squid	1,000 Bah												
999	1,000 Bah	-3.3	-51.7	-98.2									

Time Series List of Figures by Commodity/0301

Shipment Value

Year: 2000 ***Commodity Group:*** Canned Fish&Seafood ***Report Type:*** Revised

ISIC: 151210 ***Survey Scope:*** Pilot 400

Growth Rate against the Same Month of Previous Year

Commodity	Unit	'1999 Total	'2000 Total	Quantity											
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
010 Canned fish tuna	1,000 Bah		-86.9	-26.0	-45.8	-74.0									
020 Canned fish sardine	1,000 Bah		-84.3	-14.3	25.2	-94.6									
030 Canned seafood prawn	1,000 Bah														
040 Canned seafood crab	1,000 Bah		29.1		2,517.4										
050 Canned seafood clam	1,000 Bah		651.4		2,894.3										
060 Canned seafood squid	1,000 Bah														
999	1,000 Bah		-90.5	-24.3	-62.5	-99.4									

Time Series List of Figures by Commodity/0301

Capacity

Year: 2000 ***Commodity Group:*** Canned Fish&Seafood ***Report Type:*** Revised

ISIC: 151210 ***Survey Scope:*** Pilot 400

Actual Value

Commodity	Unit	'1999 Avg.	'1999 Total	'2000 Total	Quantity											
					JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
010 Canned fish tuna	ton	1,763.1	208,047.4	27,308.9	13,280.5	9,179.5	4,849.0									
020 Canned fish sardine	ton	824.8	106,396.6	12,681.8	8,048.9	4,632.9										
030 Canned seafood prawn	ton	48.8	879.0													
040 Canned seafood crab	ton	54.4	1,142.3	4,849.0		4,849.0										
050 Canned seafood clam	ton	14.4	259.0	4,849.0		4,849.0										
060 Canned seafood squid	ton	0.0	0.0													

Growth Rate against the Previous Month

Commodity	Unit	Quantity											
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
010 Canned fish tuna	ton	-4.2	-30.9	-47.2									
020 Canned fish sardine	ton	-1.7	-42.4										
030 Canned seafood prawn	ton												
040 Canned seafood crab	ton												
050 Canned seafood clam	ton												
060 Canned seafood squid	ton												

Growth Rate against the Same Month of Previous Year

Commodity	Unit	'1999 Total	'2000 Total	Quantity											
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
010 Canned fish tuna	ton		-86.9	-40.6	-57.6	-73.3									
020 Canned fish sardine	ton		-88.1	-14.0	-43.9										
030 Canned seafood prawn	ton														
040 Canned seafood crab	ton		324.5		4,268.5										
050 Canned seafood clam	ton		1,772.2		40,308.3										
060 Canned seafood squid	ton														

Time Series List of Figures by Commodity/0301

Raw Material Inventory

Year: 2000 ***Commodity Group:*** Canned Fish&Seafood ***Report Type:*** Revised

ISIC: 151210 ***Survey Scope:*** Pilot 400

Actual Value

Commodity	Unit	'1999 Avg.	'1999 Total	'2000 Total	Quantity											
					JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
010 Tuna	ton	1,203.6	158,879.2	13,534.6	9,765.4	3,669.2	100.0									
020 Sardine	ton	151.6	14,709.9	2,756.7	1,378.4	1,378.4										
030 Prawn and shrimp	ton	4.1	132.0													
040 Crab	ton	11.8	414.0													
050 Baby clam	ton	3.0	80.0													
060 Squid	ton	0.0	0.0													

Growth Rate against the Previous Month

Commodity	Unit	Quantity											
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
010 Tuna	ton	19.0	-62.4	-97.3									
020 Sardine	ton	-41.3	0.0										
030 Prawn and shrimp	ton												
040 Crab	ton												
050 Baby clam	ton												
060 Squid	ton												

Growth Rate against the Same Month of Previous Year

Commodity	Unit	'1999 Total	'2000 Total	Quantity											
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
010 Tuna	ton		-91.5	-31.7	-67.9	-99.3									
020 Sardine	ton		-81.3	17.7	79.1										
030 Prawn and shrimp	ton														
040 Crab	ton														
050 Baby clam	ton														
060 Squid	ton														

Time Series List of Figures by Commodity/0301

Production Qty

Year: 1999 ***Commodity Group:*** Canned Fish&Seafood ***Report Type:*** Revised

ISIC: 151210 ***Survey Scope:*** Pilot 400

Actual Value

Commodity	Unit	'1998 Avg.	'1998 Total	'1999 Total	Quantity											
					JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
010 Canned fish tuna	ton			142,331.5	12,234.4	12,513.7	15,098.7	12,698.1	13,401.8	12,447.9	10,840.0	11,068.8	11,672.7	9,252.7	11,408.3	9,694.4
020 Canned fish sardine	ton			59,163.9	4,771.9	3,860.6	4,808.2	5,520.6	5,415.8	5,026.8	5,061.1	5,039.2	5,860.6	5,083.9	4,535.6	4,179.5
030 Canned seafood prawn	ton			509.0	90.0	60.0	66.0	47.0	74.0	29.0	41.0	47.0	55.0			
040 Canned seafood crab	ton			450.0	61.0	26.0	15.0	27.0	101.0	76.0	6.0	52.0	86.0			
050 Canned seafood clam	ton			134.0	12.0	0.0	0.0	27.0	16.0	32.0	22.0	19.0	6.0			
060 Canned seafood squid	ton			0.0	0.0						0.0					

Growth Rate against the Previous Month

Commodity	Unit	Quantity											
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
010 Canned fish tuna	ton		2.3	20.7	-15.9	5.5	-7.1	-12.9	2.1	5.5	-20.7	23.3	-15.0
020 Canned fish sardine	ton		-19.1	24.5	14.8	-1.9	-7.2	0.7	-0.4	16.3	-13.3	-10.8	-7.8
030 Canned seafood prawn	ton		-33.3	10.0	-28.8	57.4	-60.8	41.4	14.6	17.0			
040 Canned seafood crab	ton		-57.4	-42.3	80.0	274.1	-24.8	-92.1	766.7	65.4			
050 Canned seafood clam	ton		-100.0	100.0	100.0	-40.7	100.0	-31.3	-13.6	-68.4			
060 Canned seafood squid	ton												

Growth Rate against the Same Month of Previous Year

Commodity	Unit	'1998 Total	'1999 Total	Quantity											
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
010 Canned fish tuna	ton														
020 Canned fish sardine	ton														
030 Canned seafood prawn	ton														
040 Canned seafood crab	ton														
050 Canned seafood clam	ton														
060 Canned seafood squid	ton														

Index List of the Growth Rate by Commodity in all Manufacturing (Pattern-1) / 0401

1 . Production

Year: 2000 ***Classification:*** All Manufacturing ***Report Type:*** Revised
Month: 1 ***Survey Scope:*** Pilot 400

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Car 1,501-1,800 cc	196.9	225.4	100.0	-12.64	96.94	-1.06	4.80	5.02	94.26
Color TV Under	160.5	138.0	100.0	16.30	60.53	1.09	3.90	-5.16	76.72
Car 2,001-2,400 cc	171.3	229.1	100.0	-25.22	71.31	-1.43	2.35	6.76	46.09
Cotton yarn(pure)	128.7	117.6	100.0	9.46	28.70	0.58	2.00	-2.76	39.37
Monolitric IC	175.8	174.3	100.0	0.86	75.81	0.03	1.99	-0.14	39.07
Other IC	144.0	156.8	100.0	-8.16	44.00	-0.23	1.07	1.10	20.96
Cathode For color TV	154.7	150.1	100.0	3.11	54.72	0.06	0.90	-0.27	17.74
Woven Outer (Men)	117.8	116.6	100.0	1.10	17.85	0.05	0.84	-0.21	16.46
Ray tube for com	149.8	194.3	100.0	-22.87	49.83	-0.47	0.70	2.22	13.76
Woven Under (Lady)	206.4	93.7	100.0	120.34	106.42	0.44	0.55	-2.07	10.78
Transistors	148.4	130.6	100.0	13.62	48.38	0.15	0.53	-0.70	10.46
Mixed fiber yarn	168.7	130.8	100.0	28.94	68.67	0.17	0.41	-0.81	8.14
Beer	111.6	132.4	100.0	-15.73	11.61	-0.55	0.41	2.59	7.98
Gas (unlead) Oct 91	126.8	143.4	100.0	-11.58	26.79	-0.17	0.36	0.80	7.09
Canned fish sardine	120.0	110.6	100.0	8.57	20.04	0.12	0.33	-0.56	6.53
Fuel oil 2	120.1	90.2	100.0	33.15	20.11	0.25	0.22	-1.19	4.41
Liq petroleum gas	169.0	172.1	100.0	-1.76	69.05	-0.01	0.22	0.04	4.41
Canned fish tuna	101.7	120.6	100.0	-15.68	1.70	-1.31	0.16	6.23	3.09
Pure fiber yarn	126.2	102.0	100.0	23.62	26.15	0.10	0.15	-0.48	2.90
Knitted Other (Men)	269.2	203.9	100.0	32.03	169.22	0.03	0.11	-0.15	2.15
Other cement	484.6	378.4	100.0	28.06	384.61	0.02	0.09	-0.09	1.86
Polyester Mixed	120.8	92.1	100.0	31.13	20.79	0.10	0.09	-0.46	1.85
Knitted Under (Lady)	129.1	100.9	100.0	27.96	29.14	0.04	0.06	-0.20	1.16
portland cement	102.4	82.2	100.0	24.51	2.41	0.36	0.06	-1.72	1.13
Knitted Outer (Men)	113.6	75.9	100.0	49.61	13.61	0.10	0.05	-0.48	0.96
Woven Outer (Lady)	101.7	132.5	100.0	-23.23	1.69	-0.44	0.03	2.08	0.63
Fuel oil 4	116.7	114.1	100.0	2.35	16.74	0.00	0.02	-0.01	0.45
Knitted Under (Men)	141.0	134.1	100.0	5.11	40.97	0.00	0.02	-0.01	0.37
Clinkers	101.0	79.4	100.0	27.11	0.96	0.14	0.01	-0.68	0.17
Diesel oil Low speed	112.6	48.8	100.0	130.88	12.59	0.03	0.01	-0.12	0.13
Naphtha	101.4	80.5	100.0	26.00	1.42	0.05	0.00	-0.23	0.09
Cotton yarn(Mixed)	99.6	159.3	100.0	-37.45	-0.38	-0.58	0.00	2.76	-0.10
Gas (unlead) Oct 87	90.3	180.6	100.0	-50.00	-9.71	-0.09	-0.01	0.41	-0.25
mixed cement	99.0	92.5	100.0	6.98	-1.03	0.06	-0.01	-0.30	-0.27
Woven Other (Men)	85.5	113.0	100.0	-24.35	-14.50	-0.03	-0.02	0.13	-0.38
Knitted Outer (Lady)	75.0	98.8	100.0	-24.06	-24.96	-0.02	-0.02	0.08	-0.44
Kerosene	62.4	23.2	100.0	169.48	-37.55	0.02	-0.03	-0.10	-0.55
Fuel oil 3	52.4	95.2	100.0	-45.00	-47.62	-0.02	-0.04	0.12	-0.71
Jet fuel	94.8	117.8	100.0	-19.57	-5.24	-0.16	-0.05	0.74	-0.92
Diesel High speed	99.1	81.2	100.0	22.15	-0.86	0.80	-0.05	-3.80	-1.00
Asphalt	69.8	60.4	100.0	15.58	-30.24	0.02	-0.08	-0.08	-1.50
Polyester Pure	93.0	124.3	100.0	-25.17	-6.96	-0.31	-0.09	1.45	-1.78
Fuel oil 1	64.7	86.8	100.0	-25.48	-35.32	-0.05	-0.11	0.25	-2.20

Index List of the Growth Rate by Commodity in all Manufacturing (Pattern-1) / 0401

1 . Production

Year: 2000 ***Classification:*** All Manufacturing ***Report Type:*** Revised

Month: 1 ***Survey Scope:*** Pilot 400

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Fuel oil 5	58.1	73.6	100.0	-21.07	-41.88	-0.04	-0.15	0.19	-2.90
Gas(unlead)Oct95up	92.7	81.9	100.0	13.21	-7.29	0.20	-0.18	-0.93	-3.45
Color TV equal to 21	44.3	169.4	100.0	-73.83	-55.67	-0.98	-0.58	4.62	-11.37
Video tape floor	1.7	119.3	100.0	-98.54	-98.26	-0.74	-0.82	3.49	-16.11
OPV	14.3	86.4	100.0	-83.47	-85.71	-3.07	-4.87	14.57	-95.62
T 1 ton space (2w)	37.9	153.8	100.0	-75.34	-62.09	-14.37	-10.26	68.12	-201.65
All Manufacturing	105.1	133.2	100.0	-21.13	5.06	-21.10	5.09	100.00	100.00

Index List of the Growth Rate by Commodity in all Manufacturing (Pattern-1) / 0401

2 . Shipment

Year: 2000 ***Classification:*** All Manufacturing ***Report Type:*** Revised

Month: 1 ***Survey Scope:*** Pilot 400

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Color TV Under	156.5	146.2	100.0	7.04	56.49	0.43	3.64	-1.32	80.60
Canned fish tuna	124.6	135.3	100.0	-7.92	24.60	-0.65	2.30	2.00	51.04
Car 2,001-2,400 cc	169.4	356.8	100.0	-52.52	69.42	-3.71	2.13	11.44	47.09
Cotton yarn(pure)	128.7	111.2	100.0	15.73	28.69	0.84	2.12	-2.58	47.04
Monolitric IC	177.5	180.8	100.0	-1.80	77.50	-0.05	1.96	0.16	43.52
Other IC	158.5	167.7	100.0	-5.47	58.53	-0.17	1.64	0.51	36.39
Cotton yarn(Mixed)	178.5	283.6	100.0	-37.07	78.48	-0.79	0.92	2.45	20.32
Car 1,501-1,800 cc	106.9	212.8	100.0	-49.78	6.86	-5.67	0.57	17.48	12.58
Cathode For color TV	128.8	118.0	100.0	9.13	28.80	0.14	0.56	-0.42	12.45
Pure fiber yarn	196.3	105.9	100.0	85.42	96.30	0.33	0.54	-1.01	12.00
Beer	115.4	137.7	100.0	-16.19	15.38	-0.50	0.53	1.54	11.77
Woven Outer (Men)	110.4	127.5	100.0	-13.45	10.37	-0.51	0.48	1.57	10.55
Woven Under (Lady)	209.4	116.7	100.0	79.40	109.42	0.26	0.47	-0.79	10.38
Transistors	136.9	130.4	100.0	5.01	36.90	0.05	0.40	-0.14	8.90
Mixed fiber yarn	235.6	28.8	100.0	719.05	135.62	0.35	0.36	-1.09	7.91
Naphtha	218.2	180.6	100.0	20.83	118.19	0.04	0.19	-0.12	4.22
portland cement	105.6	86.4	100.0	22.26	5.57	0.34	0.15	-1.06	3.41
Canned fish sardine	107.3	113.3	100.0	-5.30	7.34	-0.06	0.11	0.18	2.51
Polyester Mixed	130.3	104.6	100.0	24.58	30.29	0.06	0.11	-0.18	2.40
Other cement	392.1	360.8	100.0	8.67	292.08	0.01	0.10	-0.02	2.21
Knitted Other (Men)	269.2	203.9	100.0	32.03	169.22	0.02	0.10	-0.08	2.20
Gas (unlead) Oct 91	106.4	125.2	100.0	-15.04	6.37	-0.19	0.10	0.58	2.18
Ray tube for com	109.8	343.5	100.0	-68.03	9.82	-1.45	0.09	4.46	2.08
Woven Outer (Lady)	104.0	152.3	100.0	-31.71	3.97	-0.56	0.07	1.72	1.57
Knitted Under (Lady)	134.4	114.7	100.0	17.20	34.42	0.03	0.07	-0.08	1.51
Liq petroleum gas	111.5	119.0	100.0	-6.32	11.45	-0.02	0.05	0.06	1.09
Clinkers	109.4	63.5	100.0	72.37	9.42	0.13	0.04	-0.39	0.90
Woven Other (Men)	115.5	127.9	100.0	-9.68	15.50	-0.01	0.02	0.03	0.45
Knitted Under (Men)	131.8	145.7	100.0	-9.52	31.84	0.00	0.02	0.01	0.34
Diesel oil Low speed	140.9	99.9	100.0	41.08	40.88	0.01	0.01	-0.02	0.27
Kerosene	137.6	40.0	100.0	243.78	37.59	0.02	0.01	-0.06	0.26
Gas (unlead) Oct 87	97.7	168.8	100.0	-42.11	-2.27	-0.05	0.00	0.16	-0.06
Knitted Outer (Men)	98.5	92.8	100.0	6.23	-1.46	0.01	-0.01	-0.04	-0.12
Fuel oil 3	82.4	111.8	100.0	-26.32	-17.65	-0.01	-0.01	0.03	-0.21
Fuel oil 4	88.2	112.2	100.0	-21.35	-11.76	-0.02	-0.02	0.06	-0.34
Knitted Outer (Lady)	83.2	129.3	100.0	-35.70	-16.84	-0.03	-0.02	0.09	-0.35
Polyester Pure	98.2	141.2	100.0	-30.43	-1.77	-0.31	-0.02	0.95	-0.44
Fuel oil 5	80.6	70.1	100.0	15.10	-19.35	0.01	-0.04	-0.04	-0.83
Fuel oil 1	82.6	106.0	100.0	-22.10	-17.40	-0.04	-0.05	0.12	-1.03
Fuel oil 2	92.5	112.1	100.0	-17.48	-7.50	-0.10	-0.06	0.30	-1.26
mixed cement	95.4	105.8	100.0	-9.82	-4.62	-0.11	-0.07	0.33	-1.63
Asphalt	51.8	50.6	100.0	2.34	-48.25	0.00	-0.12	-0.01	-2.61
Jet fuel	88.0	91.7	100.0	-4.04	-11.96	-0.03	-0.13	0.08	-2.81

Index List of the Growth Rate by Commodity in all Manufacturing (Pattern-1) / 0401

2 . Shipment

Year: 2000 ***Classification:*** All Manufacturing ***Report Type:*** Revised
Month: 1 ***Survey Scope:*** Pilot 400

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Color TV equal to 21	52.1	203.9	100.0	-74.43	-47.88	-0.91	-0.44	2.79	-9.80
Gas(unlead)Oct95up	79.0	76.8	100.0	2.89	-21.02	0.04	-0.57	-0.12	-12.68
Video tape floor	1.7	108.7	100.0	-98.45	-98.32	-0.60	-0.85	1.84	-18.80
Diesel High speed	76.6	83.5	100.0	-8.26	-23.43	-0.27	-1.43	0.84	-31.66
OPV	17.9	77.2	100.0	-76.79	-82.07	-2.18	-4.67	6.73	-103.44
T 1 ton space (2w)	50.3	235.7	100.0	-78.67	-49.72	-16.55	-6.86	51.05	-152.10
All Manufacturing	104.5	154.7	100.0	-32.45	4.49	-32.43	4.51	100.00	100.00

Index List of the Growth Rate by Commodity in all Manufacturing (Pattern-1) / 0401

3 . Inventory

Year: 2000 ***Classification:*** All Manufacturing ***Report Type:*** Revised
Month: 1 ***Survey Scope:*** Pilot 400

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Color TV Under	486.3	307.3	100.0	58.25	386.28	5.46	13.00	652.14	115.03
Canned fish tuna	145.2	136.7	100.0	6.21	45.18	1.60	9.42	191.56	83.30
Canned fish sardine	339.2	313.6	100.0	8.14	239.16	0.35	3.67	42.37	32.44
Woven Outer (Lady)	211.6	227.2	100.0	-6.85	111.63	-0.22	1.74	-26.34	15.43
Monolitric IC	174.4	158.3	100.0	10.18	74.40	0.24	1.25	29.22	11.02
Woven Outer (Men)	119.0	120.2	100.0	-0.98	18.98	-0.07	1.22	-8.18	10.81
Cathode For color TV	191.2	192.5	100.0	-0.68	91.15	-0.02	1.20	-1.87	10.61
Other IC	157.1	140.0	100.0	12.20	57.12	0.32	1.20	38.73	10.58
Fuel oil 2	384.6	164.7	100.0	133.53	284.65	0.81	1.16	96.88	10.25
Knitted Under (Lady)	334.1	145.3	100.0	129.96	234.07	0.80	1.10	96.03	9.73
Diesel High speed	120.2	82.2	100.0	46.30	20.23	0.97	0.57	115.58	5.02
Knitted Outer (Men)	195.6	114.2	100.0	71.27	95.58	0.23	0.30	27.45	2.64
Beer	124.4	57.8	100.0	115.37	24.39	0.47	0.19	55.85	1.67
Polyester Pure	101.6	85.8	100.0	18.39	1.59	1.18	0.13	140.52	1.15
Fuel oil 5	138.2	150.1	100.0	-7.94	38.17	-0.03	0.12	-4.14	1.08
Knitted Other (Men)	281.7	203.9	100.0	38.13	181.68	0.05	0.12	5.41	1.03
Mixed fiber yarn	106.2	99.3	100.0	6.88	6.15	0.10	0.10	12.47	0.92
Gas(unlead)Oct95up	108.5	156.6	100.0	-30.73	8.49	-0.49	0.10	-58.67	0.85
Transistors	110.5	103.7	100.0	6.65	10.54	0.05	0.09	6.13	0.77
Gas (unlead) Oct 91	104.8	123.4	100.0	-15.06	4.84	-0.26	0.07	-30.94	0.66
Ray tube for com	112.8	220.8	100.0	-48.92	12.79	-0.39	0.05	-46.44	0.45
Woven Under (Lady)	114.1	65.9	100.0	73.20	14.10	0.11	0.04	13.18	0.31
portland cement	106.5	99.9	100.0	6.57	6.47	0.03	0.03	3.13	0.25
Knitted Under (Men)	111.6	102.1	100.0	9.26	11.57	0.01	0.01	0.81	0.08
Asphalt	101.6	73.2	100.0	38.76	1.57	0.05	0.00	5.39	0.02
Fuel oil 1	100.0	132.1	100.0	-24.25	0.04	-0.04	0.00	-4.53	0.00
Other cement	88.7	67.7	100.0	31.01	-11.28	0.00	0.00	0.17	-0.01
Diesel oil Low speed	91.6	83.4	100.0	9.82	-8.36	0.01	-0.01	0.83	-0.07
Fuel oil 3	55.6	88.9	100.0	-37.50	-44.44	-0.02	-0.02	-2.00	-0.22
Knitted Outer (Lady)	49.2	104.7	100.0	-52.98	-50.76	-0.04	-0.04	-5.00	-0.37
Liq petroleum gas	63.0	61.2	100.0	2.98	-36.99	0.00	-0.05	0.26	-0.43
Fuel oil 4	72.6	49.8	100.0	45.67	-27.41	0.04	-0.05	4.83	-0.48
Woven Other (Men)	92.7	104.4	100.0	-11.18	-7.25	-0.08	-0.05	-9.37	-0.48
Clinkers	88.8	95.7	100.0	-7.16	-11.15	-0.03	-0.06	-4.06	-0.54
Kerosene	13.8	171.5	100.0	-91.93	-86.16	-0.12	-0.07	-14.42	-0.64
mixed cement	66.3	57.8	100.0	14.67	-33.72	0.02	-0.08	2.09	-0.68
Gas (unlead) Oct 87	67.1	74.5	100.0	-10.00	-32.92	-0.02	-0.09	-2.15	-0.78
Naphtha	-128.8	115.5	100.0	-211.46	-228.78	-0.14	-0.15	-17.07	-1.31
Jet fuel	58.6	107.3	100.0	-45.41	-41.42	-0.33	-0.31	-39.87	-2.77
Color TV equal to 21	2.0	29.4	100.0	-93.32	-98.03	-0.14	-0.54	-16.37	-4.78
Video tape floor	0.0	30.5	100.0	-99.84	-99.95	-0.17	-0.62	-20.44	-5.49
Polyester Mixed	59.3	46.9	100.0	26.36	-40.75	0.21	-0.77	25.27	-6.81
Car 1,501-1,800 cc	75.6	88.2	100.0	-14.28	-24.40	-0.41	-0.87	-48.81	-7.73

Index List of the Growth Rate by Commodity in all Manufacturing (Pattern-1) / 0401

3 . Inventory

Year: 2000 ***Classification:*** All Manufacturing ***Report Type:*** Revised
Month: 1 ***Survey Scope:*** Pilot 400

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Car 2,001-2,400 cc	58.5	56.2	100.0	3.96	-41.53	0.09	-1.88	10.90	-16.62
Cotton yarn(pure)	57.5	49.5	100.0	16.09	-42.54	0.35	-2.09	42.27	-18.45
Pure fiber yarn	47.1	91.4	100.0	-48.45	-52.86	-1.95	-2.57	-233.42	-22.76
OPV	27.0	88.8	100.0	-69.63	-73.02	-2.69	-3.50	-320.99	-30.97
T 1 ton space (2w)	4.3	41.1	100.0	-89.57	-95.71	-1.96	-5.62	-234.17	-49.71
Cotton yarn(Mixed)	2.7	57.2	100.0	-95.22	-97.27	-3.10	-6.11	-370.22	-54.04
All Manufacturing	111.3	110.4	100.0	0.83	11.30	0.84	11.30	100.00	100.00

4 . Inventory Ratio

Year: 2000 ***Classification:*** All Manufacturing ***Report Type:*** Revised
Month: 1 ***Survey Scope:*** Pilot 400

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Cotton yarn(Mixed)	1.5	20.2	100.0	-92.40	-98.47	-1.31	-6.18	-13.51	266.80
T 1 ton space (2w)	8.5	17.5	100.0	-51.10	-91.47	-0.59	-5.37	-6.04	231.69
Pure fiber yarn	24.0	86.4	100.0	-72.20	-75.98	-3.41	-3.70	-35.04	159.56
Car 2,001-2,400 cc	34.5	15.8	100.0	118.95	-65.49	0.95	-2.96	9.79	127.83
Cotton yarn(pure)	44.7	44.5	100.0	0.31	-55.35	0.01	-2.71	0.08	117.09
Car 1,501-1,800 cc	70.7	41.4	100.0	70.69	-29.25	1.18	-1.05	12.11	45.19
Polyester Mixed	45.5	44.8	100.0	1.43	-54.52	0.01	-1.03	0.14	44.42
Mixed fiber yarn	45.1	345.2	100.0	-86.95	-54.95	-5.69	-0.93	-58.43	39.98
Video tape floor	3.0	28.0	100.0	-89.45	-97.04	-0.17	-0.60	-1.80	25.98
Color TV equal to 21	3.8	14.4	100.0	-73.86	-96.23	-0.07	-0.53	-0.68	22.87
Jet fuel	66.5	117.0	100.0	-43.11	-33.46	-0.43	-0.25	-4.40	10.91
Transistors	80.7	79.5	100.0	1.56	-19.25	0.01	-0.16	0.12	6.83
Woven Other (Men)	80.3	81.7	100.0	-1.66	-19.70	-0.01	-0.15	-0.12	6.31
Woven Under (Lady)	54.5	56.4	100.0	-3.46	-45.52	-0.01	-0.11	-0.06	4.96
Clinkers	81.2	150.8	100.0	-46.14	-18.80	-0.43	-0.10	-4.39	4.44
Naphtha	-59.0	64.0	100.0	-192.24	-159.02	-0.09	-0.10	-0.92	4.43
Gas (unlead) Oct 87	68.6	44.2	100.0	55.45	-31.36	0.07	-0.08	0.75	3.61
Kerosene	10.1	428.6	100.0	-97.65	-89.94	-0.40	-0.08	-4.08	3.28
mixed cement	69.5	54.6	100.0	27.16	-30.51	0.04	-0.07	0.39	3.00
Liq petroleum gas	56.5	51.4	100.0	9.92	-43.46	0.01	-0.06	0.08	2.46
Fuel oil 4	82.3	44.4	100.0	85.21	-17.73	0.08	-0.03	0.86	1.50
Knitted Outer (Lady)	59.2	81.0	100.0	-26.88	-40.79	-0.02	-0.03	-0.21	1.47
Diesel oil Low speed	65.0	83.6	100.0	-22.16	-34.95	-0.02	-0.03	-0.20	1.41
Monolitric IC	98.3	87.6	100.0	12.21	-1.75	0.20	-0.03	2.07	1.26
Gas (unlead) Oct 91	98.6	98.6	100.0	-0.03	-1.43	0.00	-0.02	-0.01	0.95
Other IC	99.1	83.5	100.0	18.70	-0.89	0.37	-0.02	3.77	0.80
Fuel oil 3	67.5	79.5	100.0	-15.18	-32.54	-0.01	-0.02	-0.08	0.78
Knitted Under (Men)	84.6	70.1	100.0	20.76	-15.38	0.01	-0.01	0.13	0.52
Other cement	22.6	18.8	100.0	20.56	-77.37	0.00	-0.01	0.00	0.25
Knitted Other (Men)	104.6	100.0	100.0	4.62	4.63	0.00	0.00	0.03	-0.13
portland cement	100.9	115.7	100.0	-12.83	0.85	-0.07	0.00	-0.75	-0.16
Ray tube for com	102.7	64.3	100.0	59.75	2.70	0.17	0.01	1.76	-0.46
Fuel oil 1	121.1	124.5	100.0	-2.75	21.12	-0.01	0.03	-0.05	-1.19
Beer	107.8	42.0	100.0	156.99	7.81	0.57	0.06	5.89	-2.61
Asphalt	196.3	144.8	100.0	35.58	96.26	0.10	0.17	1.04	-7.29
Fuel oil 5	171.3	214.2	100.0	-20.02	71.33	-0.15	0.23	-1.59	-9.88
Polyester Pure	103.4	60.8	100.0	70.16	3.42	3.94	0.28	40.50	-12.13
Knitted Outer (Men)	198.5	123.1	100.0	61.23	98.48	0.26	0.31	2.71	-13.24
Gas(unlead)Oct95up	137.4	204.0	100.0	-32.68	37.36	-0.84	0.42	-8.67	-18.15
Woven Outer (Men)	107.8	94.2	100.0	14.41	7.80	0.98	0.50	10.09	-21.67
Cathode For color TV	148.4	163.1	100.0	-8.99	48.41	-0.22	0.64	-2.23	-27.48
Knitted Under (Lady)	248.5	126.7	100.0	96.22	148.53	0.64	0.70	6.61	-30.11
Fuel oil 2	415.8	146.9	100.0	183.00	315.82	1.23	1.29	12.63	-55.45

Index List of the Growth Rate by Commodity in all Manufacturing (Pattern-1) / 0401

4 . Inventory Ratio

Year: 2000 ***Classification:*** All Manufacturing ***Report Type:*** Revised
Month: 1 ***Survey Scope:*** Pilot 400

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Diesel High speed	157.0	98.5	100.0	59.47	57.01	1.85	1.60	18.97	-69.03
Woven Outer (Lady)	203.5	149.2	100.0	36.40	103.54	0.95	1.62	9.80	-69.82
OPV	150.5	115.0	100.0	30.80	50.45	1.91	2.42	19.61	-104.34
Canned fish sardine	316.0	276.7	100.0	14.19	215.96	0.68	3.31	6.95	-142.87
Canned fish tuna	116.5	101.0	100.0	15.34	16.52	3.63	3.44	37.28	-148.53
Color TV Under	310.7	210.2	100.0	47.84	210.73	3.80	7.09	39.07	-306.04
All Manufacturing	97.7	89.0	100.0	9.73	-2.32	9.73	-2.32	100.00	100.00

Index List of the Growth Rate by Commodity in all Manufacturing (Pattern-1) / 0401

5 . Capcity Utilization

Year: 2000 ***Classification:*** All Manufacturing ***Report Type:*** Revised
Month: 1 ***Survey Scope:*** Pilot 400

Commodity	Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
	This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
Ray tube for com	1,643.0	16.2	100.0	10049.06	1543.01	18.51	25.13	157.57	41.92
Color TV Under	281.3	276.3	100.0	1.82	181.30	0.26	13.56	2.24	22.61
T 1 ton space (2w)	159.4	231.6	100.0	-31.18	59.37	-9.66	11.38	-82.28	18.98
Cathode For color TV	285.8	19.7	100.0	1353.37	185.80	3.56	3.55	30.27	5.93
Car 1,501-1,800 cc	151.2	135.7	100.0	11.43	51.19	0.62	2.94	5.29	4.90
Monolitric IC	164.7	141.1	100.0	16.78	64.73	0.50	1.97	4.28	3.28
Woven Outer (Men)	127.3	116.5	100.0	9.32	27.33	0.41	1.49	3.51	2.48
Car 2,001-2,400 cc	132.8	123.8	100.0	7.27	32.76	0.24	1.25	2.04	2.08
Cotton yarn(Conyarn)	113.9	101.7	100.0	12.01	13.87	0.69	1.12	5.88	1.87
Canned fish tuna	110.3	125.3	100.0	-11.98	10.31	-1.13	1.11	-9.58	1.85
Other IC	120.1	136.0	100.0	-11.70	20.11	-0.31	0.57	-2.66	0.94
Canned fish sardine	121.9	110.3	100.0	10.50	21.88	0.16	0.42	1.32	0.70
Transistors	131.8	112.4	100.0	17.30	31.81	0.17	0.41	1.47	0.68
Woven Outer (Lady)	117.4	122.2	100.0	-3.91	17.40	-0.07	0.38	-0.63	0.64
Color TV equal to 21	124.1	123.0	100.0	0.95	24.13	0.01	0.29	0.08	0.48
Knitted Under (Lady)	143.7	101.9	100.0	41.08	43.73	0.07	0.10	0.58	0.17
Woven Under (Lady)	115.9	78.4	100.0	47.91	15.90	0.16	0.10	1.33	0.16
Cotton yarn(conyarn)	105.9	107.8	100.0	-1.76	5.87	-0.02	0.09	-0.17	0.15
Pure fiber yarn	112.6	75.1	100.0	49.87	12.62	0.17	0.08	1.46	0.14
Other cement	363.6	279.4	100.0	30.12	263.55	0.02	0.08	0.14	0.13
Polyester Pure	104.6	116.6	100.0	-10.29	4.60	-0.13	0.07	-1.08	0.12
Mixed fiber yarn	106.5	114.0	100.0	-6.55	6.53	-0.04	0.05	-0.31	0.08
Woven Other (Men)	114.0	159.0	100.0	-28.33	13.96	-0.05	0.02	-0.42	0.04
Knitted Other (Men)	117.8	95.7	100.0	23.07	17.78	0.01	0.01	0.10	0.02
Polyester Mixed	102.3	93.2	100.0	9.79	2.32	0.03	0.01	0.29	0.02
Knitted Under (Men)	112.0	106.7	100.0	5.04	12.04	0.00	0.01	0.02	0.01
portland cement	100.2	78.3	100.0	27.91	0.20	0.42	0.01	3.61	0.01
Knitted Outer (Men)	95.7	106.5	100.0	-10.22	-4.35	-0.03	-0.02	-0.27	-0.03
Knitted Outer (Lady)	62.3	97.0	100.0	-35.77	-37.70	-0.03	-0.04	-0.22	-0.07
mixed cement	97.0	81.9	100.0	18.41	-3.04	0.16	-0.05	1.38	-0.08
Clinkers	85.2	63.8	100.0	33.63	-14.79	0.16	-0.15	1.32	-0.26
Beer	95.2	119.4	100.0	-20.28	-4.84	-0.69	-0.20	-5.84	-0.33
Video tape floor	0.1	90.4	100.0	-99.85	-99.87	-0.61	-0.97	-5.19	-1.61
OPV	27.1	66.9	100.0	-59.48	-72.90	-1.83	-4.80	-15.57	-8.00
All Manufacturing	159.9	143.1	100.0	11.72	59.91	11.75	59.95	100.00	100.00

Index List of the Growth Rate by Industry in all Manufacturing (Pattern-2) / 0402

1 . Production

Year 2000 ***Classification:*** All Manufacturing ***Report Type:*** Revised

Month: 1 ***Survey Scope:*** Pilot 400

Industry		Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
		This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
3210	Electronic Compon	156.4	163.2	100.0	-4.14	56.40	-0.47	5.19	2.21	102.66
1711	Preparation Textile	122.9	122.1	100.0	0.65	22.89	0.07	2.56	-0.32	50.72
3230	TV,Radio,Associate	130.1	140.1	100.0	-7.11	30.10	-0.62	2.51	2.95	49.56
1810	Wearing except Fur	119.3	119.0	100.0	0.25	19.33	0.02	1.40	-0.08	27.67
1512	Fish Products	104.5	119.1	100.0	-12.26	4.49	-1.20	0.49	5.66	9.69
1553	Malt Liquors, Malt	111.6	132.4	100.0	-15.73	11.61	-0.55	0.41	2.59	8.03
1730	Knitted Crochet	128.0	99.6	100.0	28.49	27.99	0.16	0.21	-0.77	4.23
2320	Refined Petroleum	101.1	93.1	100.0	8.63	1.15	0.83	0.16	-3.92	3.12
2694	Cement,Lime	102.4	86.4	100.0	18.61	2.44	0.56	0.11	-2.67	2.26
3410	Motor Vehicle	73.8	161.0	100.0	-54.18	-26.23	-19.93	-7.99	94.35	-157.95
All Manufacturing		105.1	133.2	100.0	-21.13	5.06	-21.13	5.06	100.00	100.00

Index List of the Growth Rate by Industry in all Manufacturing (Pattern-2) / 0402

2 . Shipment

Year 2000 ***Classification:*** All Manufacturing ***Report Type:*** Revised

Month: 1 ***Survey Scope:*** Pilot 400

Industry		Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)	
		This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY
3210	Electronic Compon	149.9	174.5	100.0	-14.09	49.95	-1.49	4.66	4.58	103.96
1711	Preparation Textile	137.1	130.3	100.0	5.18	37.07	0.47	4.03	-1.46	89.76
1512	Fish Products	122.2	132.2	100.0	-7.60	22.16	-0.71	2.42	2.18	53.87
3230	TV,Radio,Associate	128.5	148.7	100.0	-13.59	28.53	-1.08	2.35	3.31	52.30
1810	Wearing except Fur	114.9	133.2	100.0	-13.74	14.93	-0.82	1.04	2.53	23.09
1553	Malt Liquors, Malt	115.4	137.7	100.0	-16.19	15.38	-0.50	0.53	1.54	11.85
2694	Cement,Lime	104.0	92.8	100.0	12.02	4.01	0.35	0.19	-1.08	4.32
1730	Knitted Crochet	121.4	115.0	100.0	5.56	21.36	0.03	0.16	-0.10	3.61
2320	Refined Petroleum	85.2	91.9	100.0	-7.34	-14.83	-0.60	-2.05	1.86	-45.74
3410	Motor Vehicle	71.3	212.3	100.0	-66.41	-28.67	-28.11	-8.84	86.64	-197.03
All Manufacturing		104.5	154.7	100.0	-32.45	4.49	-32.45	4.49	100.00	100.00

List of the Time-Series Indices by Commodity /0501P1

[Production] **Year : 2000** **ISIC : 151210** **SurveyScope :** Pilot 400

Month : 1 **Commodity Group : Canned Fish, Tuna** **Report Type :** Revised Report

Commodity			1999											2000
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN
010	Canned fish tuna	Index	100.00	105.03	149.29	122.39	126.21	112.74	97.22	101.68	105.60	102.07	127.91	120.62	101.70
		CPM		5.03	42.14	-18.01	3.12	-10.67	-13.77	4.58	3.86	-3.35	25.32	-5.70	-15.68
		CPY													1.70
020	Canned fish sardine	Index	100.00	87.32	108.68	128.85	127.40	115.79	116.70	116.12	137.85	117.30	119.99	110.57	120.04
		CPM		-12.68	24.47	18.56	-1.13	-9.12	0.78	-0.50	18.71	-14.91	2.29	-7.85	8.57
		CPY													20.04
	Canned Fish, Tuna Total	Index	100.00	102.34	143.11	123.37	126.39	113.21	100.18	103.87	110.50	104.38	126.70	119.09	104.49
		CPM		2.34	39.85	-13.79	2.44	-10.43	-11.50	3.68	6.38	-5.54	21.38	-6.01	-12.26
		CPY													4.49

List of the Time-Series Indices by Industry /0502P1

[Production] **Year : 2000** **Industrial Type : All ISIC-4 digit** **SurveyScope : Pilot 400**

Month : 1 **Report Type : Revised Report**

Industry			1999												2000
ISIC	Name		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN
1512	Fish Products	Index	100.00	102.34	143.11	123.37	126.39	113.21	100.18	103.87	110.50	104.38	126.70	119.09	104.49
		CPM		2.34	39.85	-13.79	2.44	-10.43	-11.50	3.68	6.38	-5.54	21.38	-6.01	-12.26
		CPY													4.49
1553	Malt Liquors, Malt	Index	100.00	96.69	112.69	117.67	91.33	101.01	105.56	101.11	103.03	103.64	117.86	132.44	111.61
		CPM		-3.31	16.55	4.42	-22.38	10.60	4.50	-4.21	1.90	0.59	13.72	12.37	-15.73
		CPY													11.61
1711	Preparation Textile	Index	100.00	100.53	115.68	111.48	116.61	125.28	125.74	121.51	130.09	127.45	132.42	122.10	122.89
		CPM		0.53	15.06	-3.63	4.60	7.44	0.37	-3.37	7.06	-2.03	3.90	-7.80	0.65
		CPY													22.89
1730	Knitted Crochet	Index	100.00	98.09	106.57	94.02	98.88	107.43	111.96	101.38	98.63	98.82	107.64	99.61	127.99
		CPM		-1.91	8.65	-11.78	5.17	8.65	4.21	-9.45	-2.71	0.19	8.92	-7.46	28.49
		CPY													27.99
1810	Wearing except Fur	Index	100.00	94.16	95.03	86.42	104.32	104.53	111.37	108.30	101.40	118.13	118.43	119.04	119.33
		CPM		-5.84	0.93	-9.07	20.72	0.19	6.55	-2.75	-6.37	16.50	0.26	0.51	0.25
		CPY													19.33
2320	Refined Petroleum	Index	100.00	95.50	107.26	112.56	109.23	105.49	101.44	102.46	97.12	99.56	100.65	93.11	101.15
		CPM		-4.50	12.31	4.94	-2.96	-3.43	-3.84	1.01	-5.22	2.52	1.09	-7.49	8.63

List of the Time-Series Indices by Industry /0502P1

[Production] **Year : 2000** **Industrial Type : All ISIC-4 digit** **SurveyScope : Pilot 400**

Month : 1 **Report Type : Revised Report**

Industry			1999											2000
ISIC	Name		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN
		CPY													1.15
2694	Cement,Lime	Index	100.00	97.17	109.03	94.05	103.64	113.27	113.90	114.19	111.64	97.74	76.61	86.37	102.44
		CPM		-2.83	12.20	-13.74	10.20	9.30	0.55	0.26	-2.24	-12.45	-21.62	12.74	18.61
		CPY													2.44
3210	Electronic Component	Index	100.00	110.26	141.56	111.10	121.85	143.42	140.89	145.28	162.76	138.78	153.47	163.16	156.40
		CPM		10.26	28.38	-21.52	9.68	17.70	-1.76	3.11	12.03	-14.73	10.59	6.31	-4.14
		CPY													56.40
3230	TV,Radio,Associated	Index	100.00	103.70	126.36	95.02	126.99	136.15	149.00	146.51	149.49	158.65	162.76	140.07	130.10
		CPM		3.70	21.85	-24.81	33.65	7.21	9.43	-1.67	2.03	6.13	2.59	-13.94	-7.11
		CPY													30.10
3410	Motor Vehicle	Index	100.00	113.35	127.46	114.70	138.29	158.72	176.99	186.36	197.90	195.43	217.99	160.99	73.77
		CPM		13.35	12.45	-10.01	20.57	14.77	11.51	5.29	6.19	-1.24	11.54	-26.15	-54.18
		CPY													-26.23
	All Manufacturing Total	Index	100.00	104.33	122.39	109.96	122.09	130.95	136.14	138.81	144.56	142.32	153.62	133.20	105.06
		CPM		4.33	17.32	-10.16	11.04	7.25	3.97	1.96	4.14	-1.55	7.94	-13.29	-21.13
		CPY													5.06

The Balance-Comparison of the Growth Rate between the Preliminary Publication and the Revised One / 0601

1 . Production

Year: 2000 ***Survey Scope:*** Pilot 400

Month: 1 ***Comparison Target:*** CPM

Commodity Group		Pre-Month	This Month		Balance	Growth Rate(%)				
						Compare to Pre-Month		Contribution Degree		
		Index	P-Idx (A)	R-Idx (B)	(C)=(B)-(A)	P-Idx	R-Idx	P-Idx (A)	R-Idx(B)	(C)=(B)-(A)
Integrated Index		133.2	105.1	105.1	-0.1	-21.08	-21.13	-28.08	-28.14	-0.07
1512	Fish Products	119.1	104.5	104.5	0.0	-12.26	-12.26	-1.20	-1.20	0.00
1553	Malt Liquors, Malt	132.4	111.6	111.6	0.0	-15.73	-15.73	-0.55	-0.55	0.00
1711	Preparation Textile	122.1	122.9	122.9	0.0	0.65	0.65	0.07	0.07	0.00
1730	Knitted Crochet	99.6	128.0	128.0	0.0	28.49	28.49	0.16	0.16	0.00
1810	Wearing except Fur	119.0	120.2	119.3	-0.9	1.01	0.25	0.07	0.02	-0.05
2320	Refined Petroleum	93.1	101.1	101.1	0.0	8.63	8.63	0.83	0.83	0.00
2694	Cement,Lime	86.4	102.4	102.4	0.0	18.61	18.61	0.56	0.56	0.00
3210	Electronic Component	163.2	156.4	156.4	0.0	-4.14	-4.14	-0.47	-0.47	0.00
3230	TV,Radio,Associated	140.1	130.1	130.1	0.0	-7.11	-7.11	-0.62	-0.62	0.00
3410	Motor Vehicle	161.0	73.8	73.8	0.0	-54.18	-54.18	-19.93	-19.93	0.00

The Balance-Comparison of the Growth Rate between the Preliminary Publication and the Revised One / 0601

2 . Shipment

Year: 2000

Month: 1

Survey Scope: Pilot 400

Comparison Target: CPM

Commodity Group		Pre-Month	This Month		Balance	Growth Rate(%)				
						Compare to Pre-Month		Contribution Degree		
		Index	P-Idx (A)	R-Idx (B)	(C)=(B)-(A)	P-Idx	R-Idx	P-Idx (A)	R-Idx(B)	(C)=(B)-(A)
Integrated Index		154.7	104.6	104.5	-0.1	-32.37	-32.45	-50.07	-50.19	-0.12
1512	Fish Products	132.2	122.2	122.2	0.0	-7.60	-7.60	-0.71	-0.71	0.00
1553	Malt Liquors, Malt	137.7	115.4	115.4	0.0	-16.19	-16.19	-0.50	-0.50	0.00
1711	Preparation Textile	130.3	137.1	137.1	0.0	5.18	5.18	0.47	0.47	0.00
1730	Knitted Crochet	115.0	121.4	121.4	0.0	5.56	5.56	0.03	0.03	0.00
1810	Wearing except Fur	133.2	116.6	114.9	-1.7	-12.46	-13.74	-0.74	-0.82	-0.08
2320	Refined Petroleum	91.9	85.2	85.2	0.0	-7.34	-7.34	-0.60	-0.60	0.00
2694	Cement,Lime	92.8	104.0	104.0	0.0	12.02	12.02	0.35	0.35	0.00
3210	Electronic Component	174.5	149.9	149.9	0.0	-14.09	-14.09	-1.49	-1.49	0.00
3230	TV,Radio,Associated	148.7	128.5	128.5	0.0	-13.59	-13.59	-1.08	-1.08	0.00
3410	Motor Vehicle	212.3	71.3	71.3	0.0	-66.41	-66.41	-28.11	-28.11	0.00

The Balance-Comparison of the Growth Rate between the Preliminary Publication and the Revised One / 0601

3 . Inventory

Year: 2000 ***Survey Scope:*** Pilot 400

Month: 1 ***Comparison Target:*** CPM

Commodity Group		Pre-Month	This Month		Balance	Growth Rate(%)				
						Compare to Pre-Month		Contribution Degree		
		Index	P-Idx (A)	R-Idx (B)	(C)=(B)-(A)	P-Idx	R-Idx	P-Idx (A)	R-Idx(B)	(C)=(B)-(A)
Integrated Index		110.4	111.1	111.3	0.2	0.63	0.83	0.70	0.92	0.22
1512	Fish Products	148.8	158.5	158.5	0.0	6.49	6.49	1.96	1.96	0.00
1553	Malt Liquors, Malt	57.8	124.4	124.4	0.0	115.37	115.37	0.47	0.47	0.00
1711	Preparation Textile	72.1	59.4	59.4	0.0	-17.62	-17.62	-3.21	-3.21	0.00
1730	Knitted Crochet	132.7	247.0	247.0	0.0	86.15	86.15	1.04	1.04	0.00
1810	Wearing except Fur	135.9	130.3	132.8	2.5	-4.13	-2.32	-0.46	-0.26	0.20
2320	Refined Petroleum	109.9	115.5	115.5	0.0	5.15	5.15	0.42	0.42	0.00
2694	Cement,Lime	90.1	90.6	90.6	0.0	0.60	0.60	0.01	0.01	0.00
3210	Electronic Component	156.2	159.9	159.9	0.0	2.42	2.42	0.22	0.22	0.00
3230	TV,Radio,Associated	235.7	361.0	361.0	0.0	53.16	53.16	5.15	5.15	0.00
3410	Motor Vehicle	65.9	36.7	36.7	0.0	-44.27	-44.27	-4.96	-4.96	0.00

The Balance-Comparison of the Growth Rate between the Preliminary Publication and the Revised One / 0601

4 . Inventory Ratio

Year: 2000 ***Survey Scope:*** Pilot 400

Month: 1 ***Comparison Target:*** CPM

Commodity Group		Pre-Month	This Month		Balance	Growth Rate(%)				
						Compare to Pre-Month		Contribution Degree		
		Index	P-Idx (A)	R-Idx (B)	(C)=(B)-(A)	P-Idx	R-Idx	P-Idx (A)	R-Idx(B)	(C)=(B)-(A)
Integrated Index		89.0	97.3	97.7	0.4	9.29	9.73	8.27	8.66	0.39
1512	Fish Products	113.1	130.2	130.2	0.0	15.15	15.15	4.30	4.30	0.00
1553	Malt Liquors, Malt	42.0	107.8	107.8	0.0	156.99	156.99	0.57	0.57	0.00
1711	Preparation Textile	69.4	48.8	48.8	0.0	-29.71	-29.71	-6.45	-6.45	0.00
1730	Knitted Crochet	115.7	195.4	195.4	0.0	68.96	68.96	0.90	0.90	0.00
1810	Wearing except Fur	101.7	116.3	120.7	4.3	14.41	18.67	1.48	1.92	0.44
2320	Refined Petroleum	122.2	137.4	137.4	0.0	12.47	12.47	1.40	1.40	0.00
2694	Cement,Lime	119.3	85.4	85.4	0.0	-28.42	-28.42	-0.47	-0.47	0.00
3210	Electronic Component	99.5	107.0	107.0	0.0	7.59	7.59	0.53	0.53	0.00
3230	TV,Radio,Associated	161.5	231.4	231.4	0.0	43.26	43.26	3.56	3.56	0.00
3410	Motor Vehicle	46.5	62.9	62.9	0.0	35.17	35.17	3.45	3.45	0.00

The Balance-Comparison of the Growth Rate between the Preliminary Publication and the Revised One / 0601

5 . Capcity Utilization

Year: 2000 ***Survey Scope:*** Pilot 400

Month: 1 ***Comparison Target:*** CPM

Commodity Group		Pre-Month	This Month		Balance	Growth Rate(%)				
						Compare to Pre-Month		Contribution Degree		
		Index	P-Idx (A)	R-Idx (B)	(C)=(B)-(A)	P-Idx	R-Idx	P-Idx (A)	R-Idx(B)	(C)=(B)-(A)
Integrated Index		143.1	160.0	159.9	-0.1	11.78	11.72	16.86	16.77	-0.09
1512	Fish Products	123.0	112.1	112.1	0.0	-8.92	-8.92	-0.97	-0.97	0.00
1553	Malt Liquors, Malt	119.4	95.2	95.2	0.0	-20.28	-20.28	-0.69	-0.69	0.00
1711	Preparation Textile	103.1	110.9	110.9	0.0	7.62	7.62	0.71	0.71	0.00
1730	Knitted Crochet	103.3	107.3	107.3	0.0	3.92	3.92	0.03	0.03	0.00
1810	Wearing except Fur	116.0	124.7	123.7	-1.0	7.47	6.57	0.51	0.45	-0.06
2320	Refined Petroleum	0.0	0.0	0.0	0.0					
2694	Cement,Lime	77.8	97.1	97.1	0.0	24.74	24.74	0.73	0.73	0.00
3210	Electronic Component	95.5	396.4	396.4	0.0	315.22	315.22	22.43	22.43	0.00
3230	TV,Radio,Associated	238.5	233.5	233.5	0.0	-2.10	-2.10	-0.34	-0.34	0.00
3410	Motor Vehicle	173.6	130.5	130.5	0.0	-24.84	-24.84	-10.63	-10.63	0.00

The Balance-Comparison of the Growth Rate between the Preliminary Publication and the Revised One / 0601

6 . Labor Productivity

Year: 2000

Month: 1

Survey Scope: Pilot 400

Comparison Target: CPM

Commodity Group		Pre-Month	This Month		Balance	Growth Rate(%)				
						Compare to Pre-Month		Contribution Degree		
		Index	P-Idx (A)	R-Idx (B)	(C)=(B)-(A)	P-Idx	R-Idx	P-Idx (A)	R-Idx(B)	(C)=(B)-(A)
Integrated Index		121.9	100.6	100.4	-0.1	-17.52	-17.62	-21.36	-21.48	-0.12
1512	Fish Products	116.4	101.0	101.0	0.0	-13.27	-13.27	-1.38	-1.38	0.00
1553	Malt Liquors, Malt	87.0	70.3	70.3	0.0	-19.18	-19.18	-0.48	-0.48	0.00
1711	Preparation Textile	113.7	101.5	101.5	0.0	-10.70	-10.70	-1.12	-1.12	0.00
1730	Knitted Crochet	90.2	93.7	93.7	0.0	3.91	3.91	0.02	0.02	0.00
1810	Wearing except Fur	93.8	102.0	100.4	-1.6	8.81	7.10	0.49	0.40	-0.10
2320	Refined Petroleum	90.8	109.5	109.5	0.0	20.55	20.55	2.10	2.10	0.00
2694	Cement,Lime	89.2	111.3	111.3	0.0	24.72	24.72	0.85	0.85	0.00
3210	Electronic Component	134.0	130.7	130.7	0.0	-2.48	-2.48	-0.25	-0.25	0.00
3230	TV,Radio,Associated	156.4	140.6	140.6	0.0	-10.10	-10.10	-1.08	-1.08	0.00
3410	Motor Vehicle	144.4	77.7	77.7	0.0	-46.23	-46.23	-16.67	-16.67	0.00

List and Graph for Dissemination /0701

[Production] **Year : 2000** **ISIC : XXXXXX** **SurveyScope : Pilot 400**

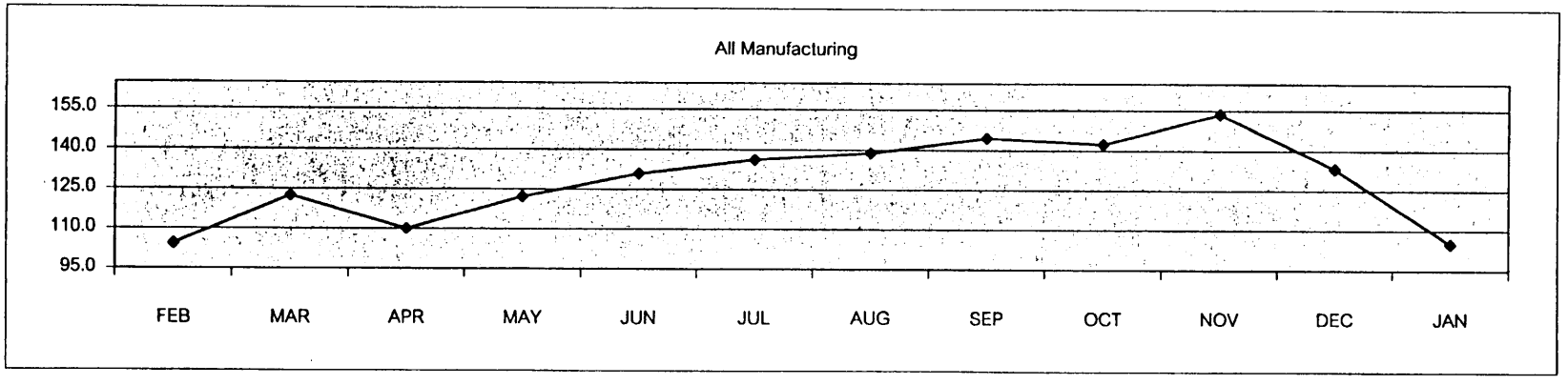
Month : 1 **Commodity Group : All Manufacturing** **Report Type : Revised Report**

Classification		1999											2000
<ISIC2 Digit>		FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN
15	Food&Bevarage	101.0	135.7	122.0	117.9	110.2	101.5	103.2	108.7	104.2	124.6	122.3	106.2
17	Textile	100.4	115.1	110.4	115.5	124.1	124.9	120.2	128.1	125.6	130.8	120.7	123.2
18	Apparel	94.2	95.0	86.4	104.3	104.5	111.4	108.3	101.4	118.1	118.4	119.0	119.3
23	Coke and Petroleum	95.5	107.3	112.6	109.2	105.5	101.4	102.5	97.1	99.6	100.6	93.1	101.1
26	Other Non-Metal	97.2	109.0	94.0	103.6	113.3	113.9	114.2	111.6	97.7	76.6	86.4	102.4
32	Radio,TV,Commu Equip	107.1	134.3	103.5	124.3	140.0	144.7	145.9	156.5	148.2	157.9	152.2	143.9
34	Vehicles, etc.	113.4	127.5	114.7	138.3	158.7	177.0	186.4	197.9	195.4	218.0	161.0	73.8
	Total	104.3	122.4	110.0	122.1	130.9	136.1	138.8	144.6	142.3	153.6	133.2	105.1

List and Graph for Dissemination /0701

[Production] **Year : 2000** **ISIC : XXXXXX** **SurveyScope : Pilot 400**

Month : 1 **Commodity Group : All Manufacturing** **Report Type : Revised Report**



List and Graph for Dissemination /0701

[Production] **Year : 2000** **ISIC : 151210** **SurveyScope : Core 10 industry**

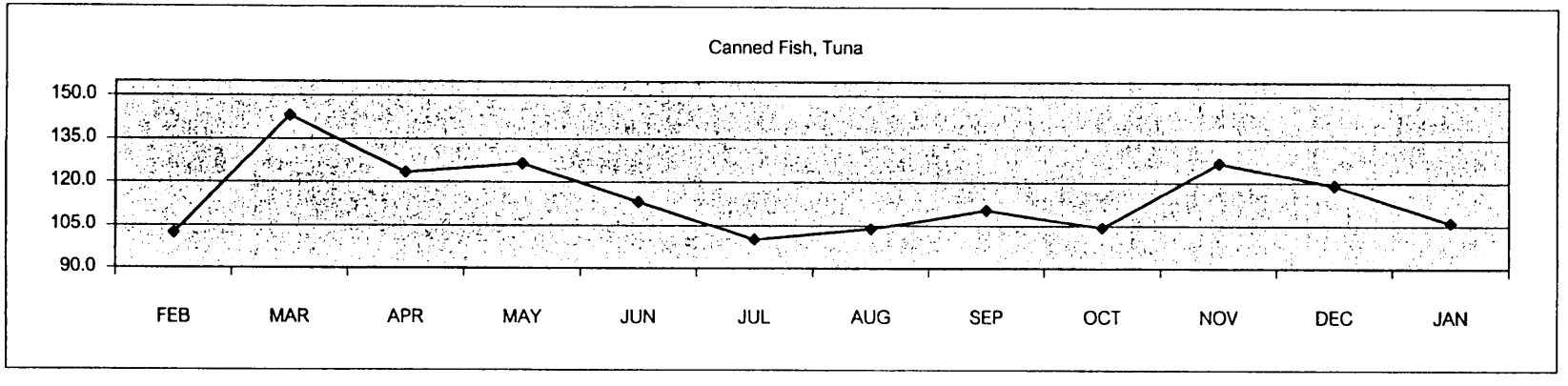
Month : 1 **Commodity Group : Canned Fish, Tuna** **Report Type : Preliminary Report**

Classification		1999											2000
<Commodity>		FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN
010	Canned fish tuna	105.0	149.3	122.4	126.2	112.7	97.2	101.7	105.6	102.1	127.9	120.6	103.8
020	Canned fish sardine	87.3	108.7	128.9	127.4	115.8	116.7	116.1	137.8	117.3	120.0	110.6	120.0
	Total	102.3	143.1	123.4	126.4	113.2	100.2	103.9	110.5	104.4	126.7	119.1	106.2

List and Graph for Dissemination /0701

[Production] **Year : 2000** **ISIC : 151210** **SurveyScope : Core 10 Industry**

Month : 1 **Commodity Group : Canned Fish, Tuna** **Report Type : Preliminary Report**



List and Graph for Dissemination /0701

[InventoryRatio] **Year : 2000** **ISIC : 151210** **SurveyScope : Core 10 industry**

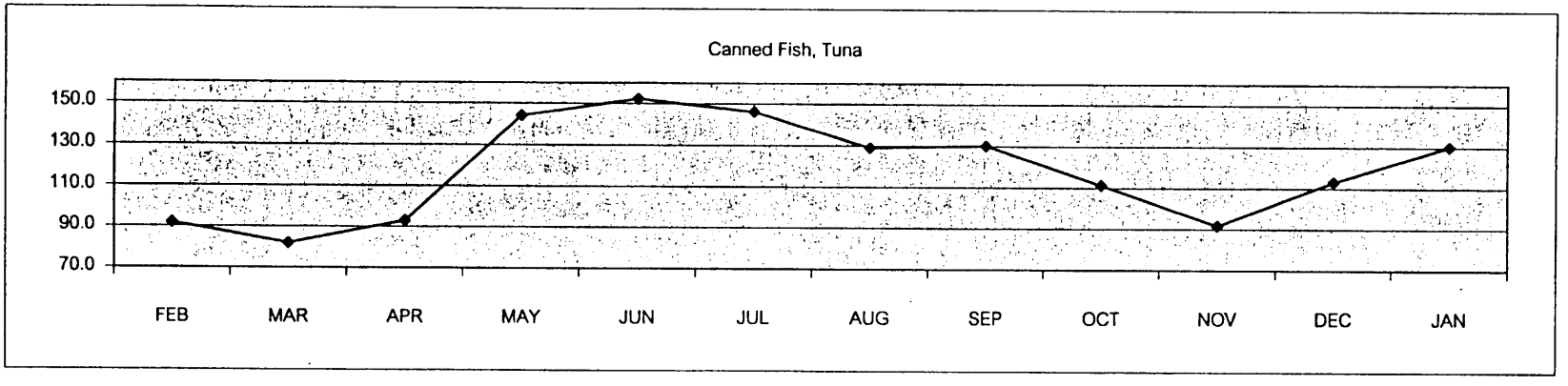
Month : 1 **Commodity Group : Canned Fish, Tuna** **Report Type : Preliminary Report**

Classification		1999											2000
<Commodity>		FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN
010	Canned fish tuna	84.0	74.1	87.7	139.9	149.7	141.2	117.4	115.9	97.4	75.6	101.0	116.6
020	Canned fish sardine	199.0	188.6	165.2	201.9	186.0	214.5	287.0	324.1	300.0	310.9	276.7	316.0
	Total	91.9	82.0	93.0	144.1	152.2	146.2	129.1	130.2	111.3	91.7	113.1	130.2

List and Graph for Dissemination /0701

[InventoryRatio] **Year : 2000** **ISIC : 151210** **SurveyScope : Core 10 industry**

Month : 1 **Commodity Group : Canned Fish, Tuna** **Report Type : Preliminary Report**



List and Graph for Dissemination /0701

[Production] Year : 2000 ISIC : 1512XX SurveyScope : Core 10 industry

Month : 1 Commodity Group : Fish Products Report Type : Preliminary Report

Classification		1999											2000
<ISIC6 Digit>		FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN
151210	Canned Fish, Tuna	102.3	143.1	123.4	126.4	113.2	100.2	103.9	110.5	104.4	126.7	119.1	106.2
	Total	102.3	143.1	123.4	126.4	113.2	100.2	103.9	110.5	104.4	126.7	119.1	106.2

List and Graph for Dissemination /0701

[Production]

Year : 2000

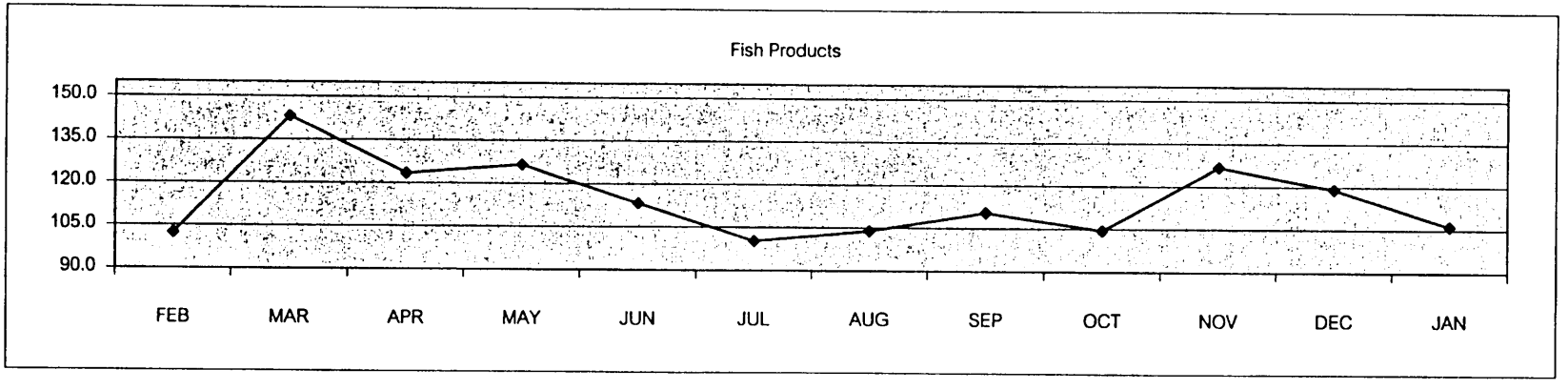
Month : 1

ISIC : 1512XX

Commodity Group : Fish Products

SurveyScope : Core 10 industry

Report Type : Preliminary Report



List and Graph for Dissemination /0701

[InventoryRatio] **Year : 2000** **ISIC : 1512XX** **SurveyScope : Core 10 industry**

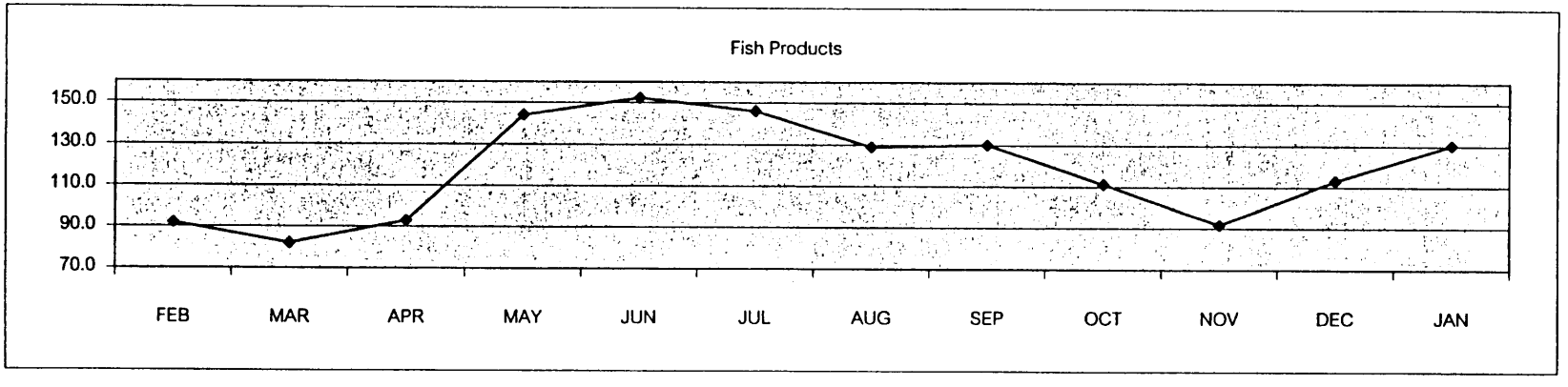
Month : 1 **Commodity Group : Fish Products** **Report Type : Preliminary Report**

Classification		1999										2000
<ISIC6 Digit>		FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN
151210	Canned Fish, Tuna	91.9	82.0	93.0	144.1	152.2	146.2	129.1	130.2	111.3	91.7	113.1	130.2
	Total	91.9	82.0	93.0	144.1	152.2	146.2	129.1	130.2	111.3	91.7	113.1	130.2

List and Graph for Dissemination /0701

[InventoryRatio] **Year : 2000** **ISIC : 1512XX** **SurveyScope : Core 10 Industry**

Month : 1 **Commodity Group : Fish Products** **Report Type : Preliminary Report**



List and Graph for Dissemination /0701

[Production] **Year : 2000** **ISIC : 15XXXX** **SurveyScope : Core 10 industry**

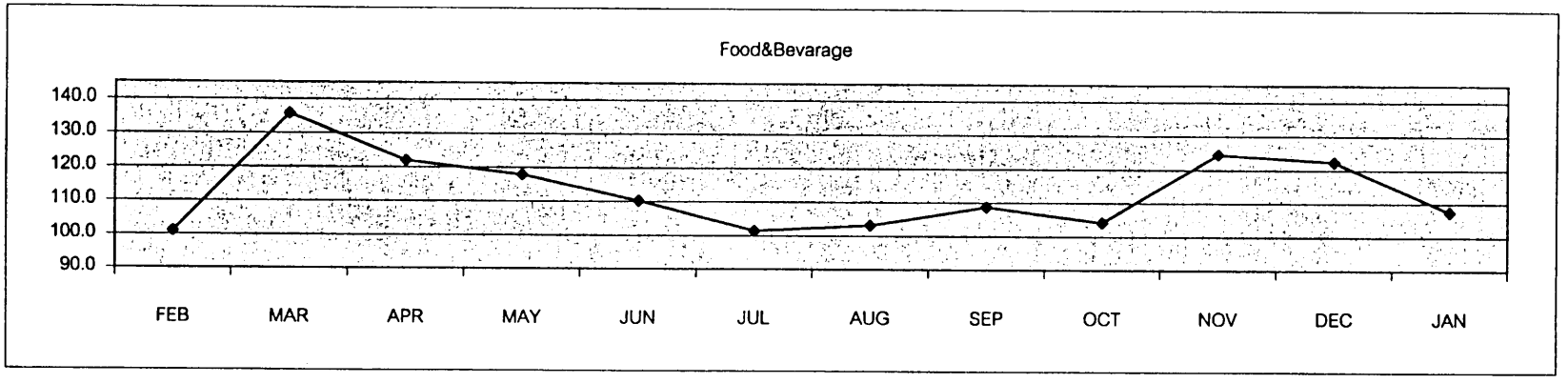
Month : 1 **Commodity Group : Food&Bevarage** **Report Type : Preliminary Report**

Classification		1999											2000
<ISIC4 Digit>		FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN
1512	Fish Products	102.3	143.1	123.4	126.4	113.2	100.2	103.9	110.5	104.4	126.7	119.1	106.2
1553	Malt Liquors, Malt	96.7	112.7	117.7	91.3	101.0	105.6	101.1	103.0	103.6	117.9	132.4	111.6
	Total	101.0	135.7	122.0	117.9	110.2	101.5	103.2	108.7	104.2	124.6	122.3	107.5

List and Graph for Dissemination /0701

[Production] **Year : 2000** **ISIC : 15XXXX** **SurveyScope : Core 10 Industry**

Month : 1 **Commodity Group : Food&Bevarage** **Report Type : Preliminary Report**



List and Graph for Dissemination /0701

[InventoryRatio] **Year : 2000** **ISIC : 15XXXX** **SurveyScope : Core 10 industry**

Month : 1 **Commodity Group : Food&Bevarage** **Report Type : Preliminary Report**

Classification		1999											2000
<ISIC4 Digit>		FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN
1512	Fish Products	91.9	82.0	93.0	144.1	152.2	146.2	129.1	130.2	111.3	91.7	113.1	130.2
1553	Malt Liquors, Malt	57.0	64.7	63.5	92.9	78.9	85.5	64.7	67.5	39.9	49.2	42.0	107.8
	Total	90.7	81.4	92.0	142.4	149.8	144.2	126.9	128.1	108.9	90.3	110.7	129.5

List and Graph for Dissemination /0701

[InventoryRatio]

Year : 2000

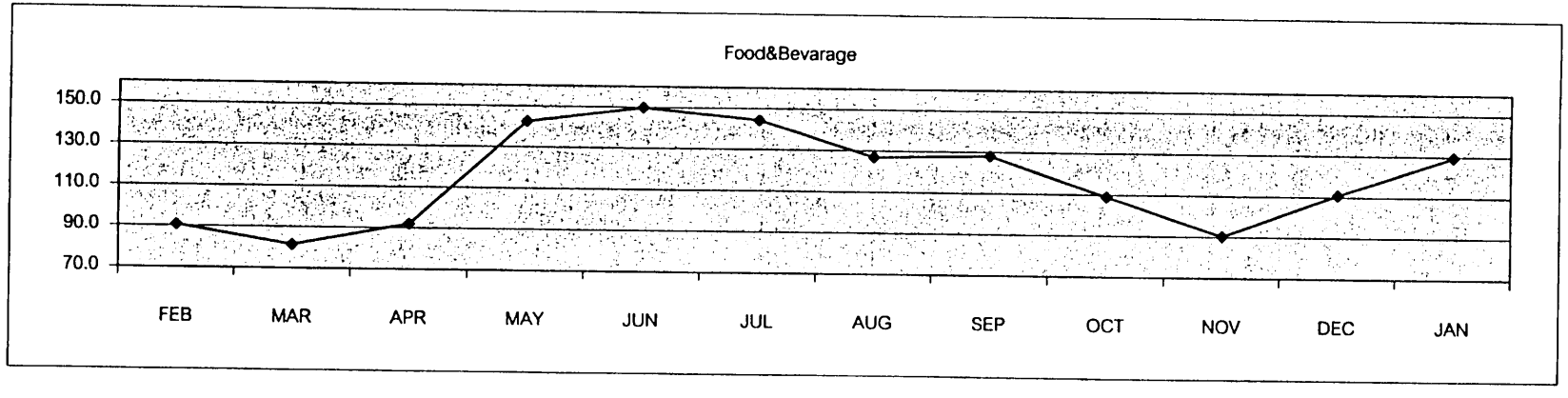
Month : 1

ISIC : 15XXXX

Commodity Group : Food&Bevarage

SurveyScope : Core 10 industry

Report Type : Preliminary Report



List and Graph for Dissemination /0701

[Production] Year : 2000 ISIC : XXXXXX SurveyScope : Core 10 industry

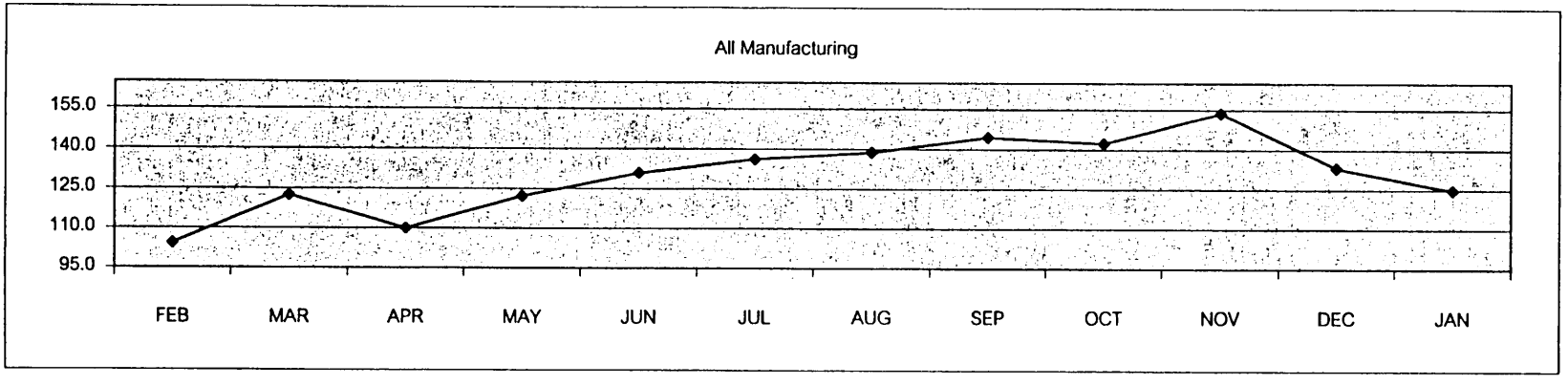
Month : 1 Commodity Group : All Manufacturing Report Type : Preliminary Report

Classification		1999											2000
<ISIC2 Digit>		FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN
15	Food&Bevarage	101.0	135.7	122.0	117.9	110.2	101.5	103.2	108.7	104.2	124.6	122.3	107.5
17	Textile	100.4	115.1	110.4	115.5	124.1	124.9	120.2	128.1	125.6	130.8	120.7	128.9
18	Apparel	94.2	95.0	86.4	104.3	104.5	111.4	108.3	101.4	118.1	118.4	119.0	126.2
23	Coke and Petroleum	95.5	107.3	112.6	109.2	105.5	101.4	102.5	97.1	99.6	100.6	93.1	96.3
26	Other Non-Metal	97.2	109.0	94.0	103.6	113.3	113.9	114.2	111.6	97.7	76.6	86.4	103.2
32	Radio,TV,Commu Equip	107.1	134.3	103.5	124.3	140.0	144.7	145.9	156.5	148.2	157.9	152.2	150.8
34	Vehicles, etc.	113.4	127.5	114.7	138.3	158.7	177.0	186.4	197.9	195.4	218.0	161.0	132.3
	Total	104.3	122.4	110.0	122.1	130.9	136.1	138.8	144.6	142.3	153.6	133.2	124.8

List and Graph for Dissemination /0701

[Production] **Year : 2000** **ISIC : XXXXXX** **SurveyScope : Core 10 industry**

Month : 1 **Commodity Group : All Manufacturing** **Report Type : Preliminary Report**



List and Graph for Dissemination /0701

[InventoryRatio] **Year : 2000** **ISIC : XXXXXX** **SurveyScope : Core 10 Industry**

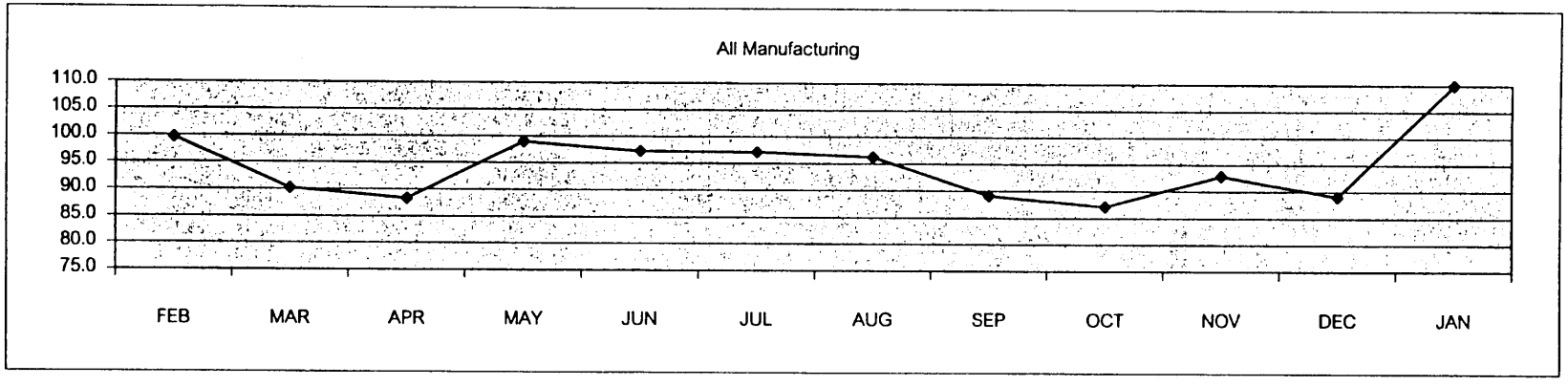
Month : 1 **Commodity Group : All Manufacturing** **Report Type : Preliminary Report**

Classification		1999											2000
<ISIC2 Digit>		FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN
15	Food&Bevarage	90.7	81.4	92.0	142.4	149.8	144.2	126.9	128.1	108.9	90.3	110.7	129.5
17	Textile	85.9	65.8	59.7	48.1	48.2	59.8	72.3	46.4	51.3	62.0	71.0	62.8
18	Apparel	107.1	157.1	123.3	126.0	139.7	129.1	135.7	139.5	130.9	114.8	101.7	99.6
23	Coke and Petroleum	134.2	96.9	120.3	151.7	159.8	144.1	113.6	134.7	150.9	150.9	122.2	114.4
26	Other Non-Metal	101.4	76.2	102.7	72.4	68.5	60.6	73.9	75.7	117.8	173.6	119.3	87.5
32	Radio,TV,Commu Equip	114.8	97.3	129.8	134.2	115.9	131.1	122.6	125.2	107.1	135.0	125.4	157.9
34	Vehicles, etc.	104.3	100.3	72.0	69.2	51.4	43.3	54.8	42.8	53.3	78.2	46.5	135.2
	Total	99.6	90.2	88.3	99.0	97.2	97.1	96.2	89.1	87.2	92.9	89.0	110.0

List and Graph for Dissemination /0701

[InventoryRatio] **Year : 2000** **ISIC : XXXXXX** **SurveyScope : Core 10 industry**

Month : 1 **Commodity Group : All Manufacturing** **Report Type : Preliminary Report**



List and Graph for Annual Dissemination /0801

[Production] **Year : 2000** **ISIC : 1512XX** **SurveyScope : Core 10 industry**

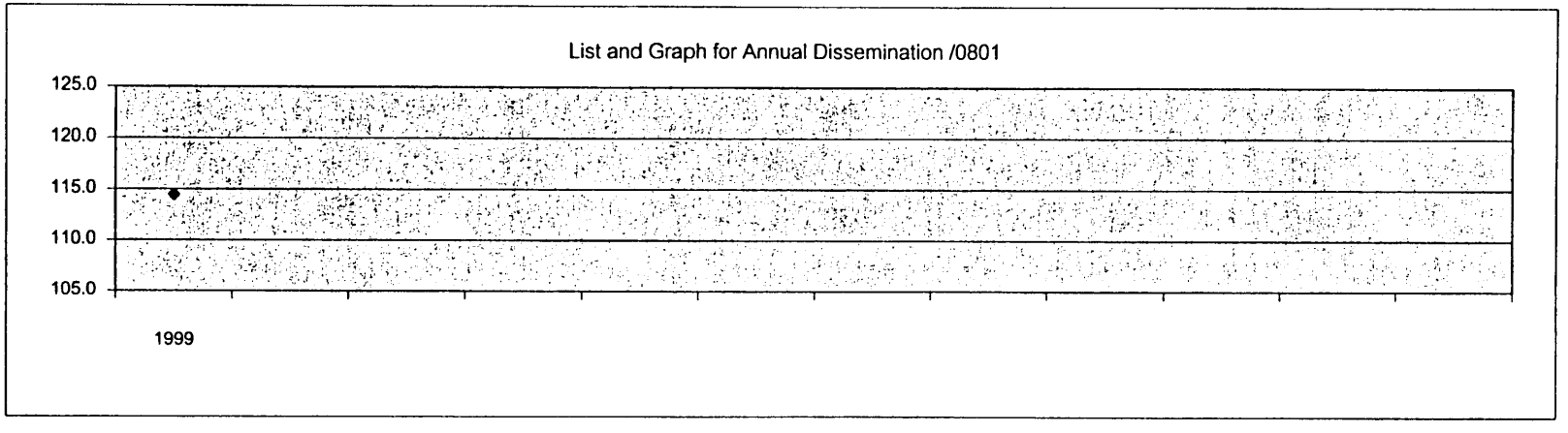
Commodity Group : Fish Products

Classification <ISIC6 Digit>		1999
151210	Canned Fish, Tuna	114.4
	Total	114.4

List and Graph for Annual Dissemination /0801

[Production] **Year : 2000** **ISIC : 1512XX** **SurveyScope : Core 10 Industry**

Commodity Group : Fish Products



List and Graph for Annual Dissemination /0801

[InventoryRatio] **Year : 2000** **ISIC : 1512XX** **SurveyScope : Core 10 Industry**

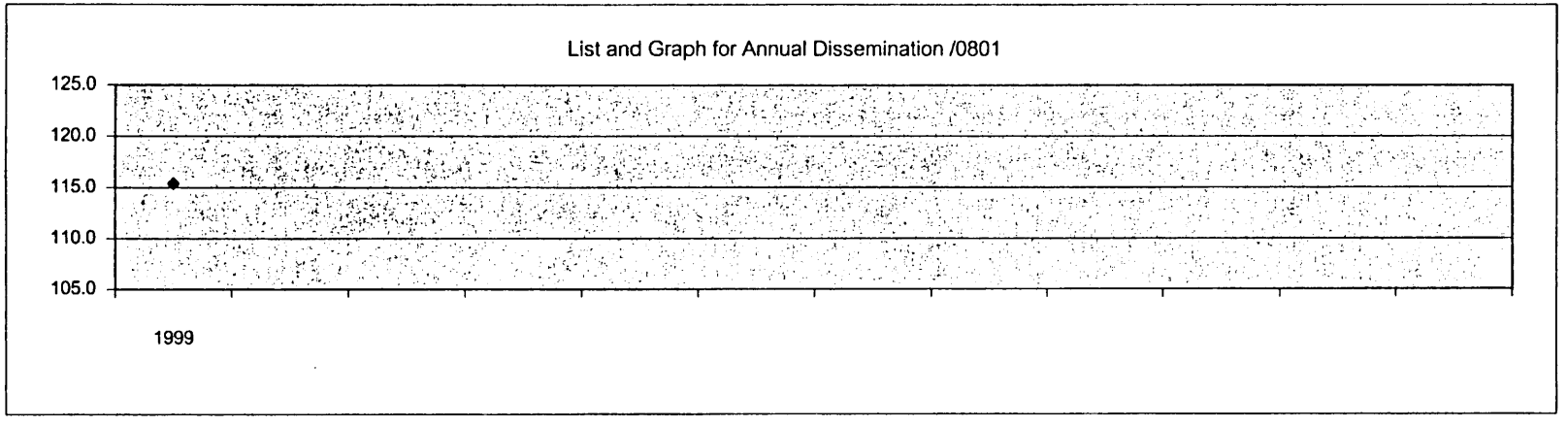
Commodity Group : Fish Products

Classification <ISIC6 Digit>		1999
151210	Canned Fish, Tuna	115.4
	Total	115.4

List and Graph for Annual Dissemination /0801

[InventoryRatio] **Year : 2000** **ISIC : 1512XX** **SurveyScope : Core 10 industry**

Commodity Group : Fish Products



List and Graph for Annual Dissemination /0801

[Production] **Year : 2000** **ISIC : 15XXXX** **SurveyScope : Core 10 industry**

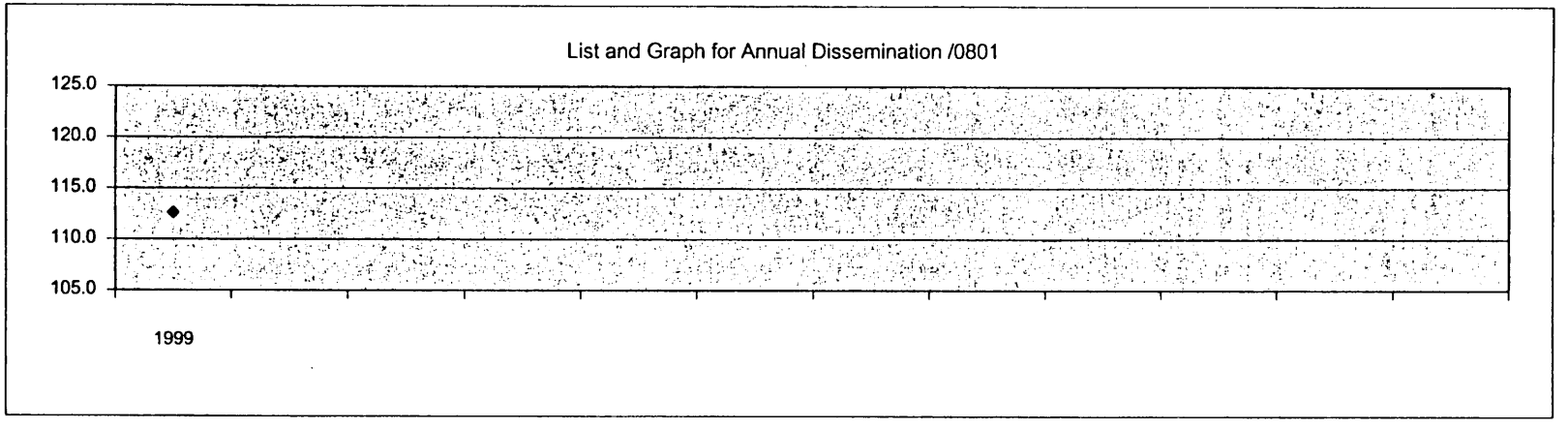
Commodity Group : Food&Bevarage

Classification <ISIC4 Digit>		1999
1512	Fish Products	114.4
1553	Malt Liquors, Malt	106.9
	Total	112.6

List and Graph for Annual Dissemination /0801

[Production] **Year : 2000** **ISIC : 15XXXX** **SurveyScope : Core 10 industry**

Commodity Group : Food&Bevarage



List and Graph for Annual Dissemination /0801

[InventoryRatio] **Year : 2000** **ISIC : 15XXXX** **SurveyScope : Core 10 industry**

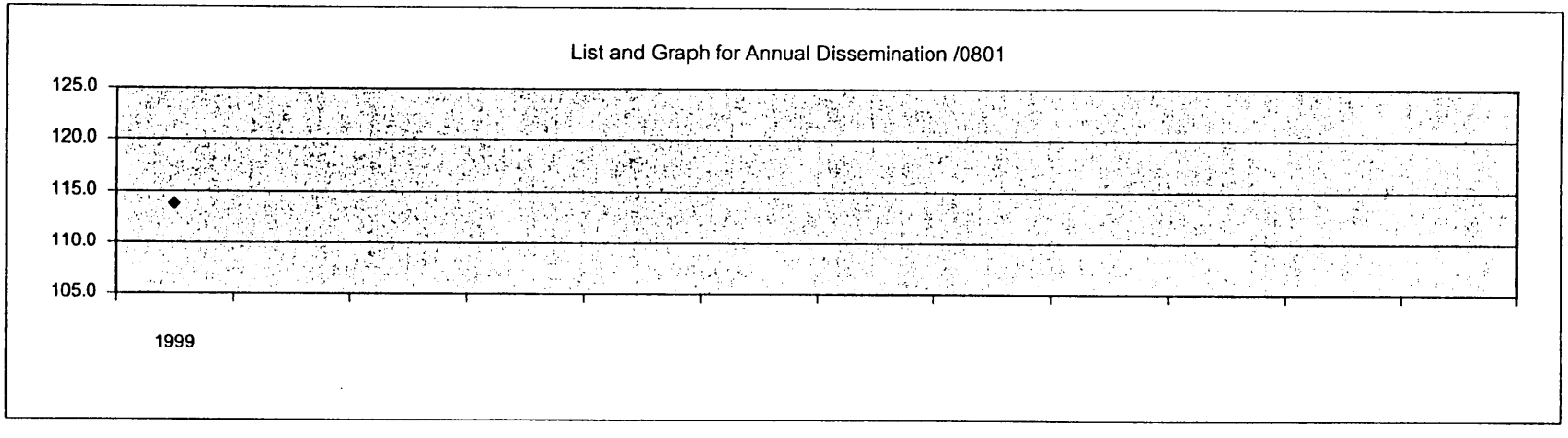
Commodity Group : Food&Bevarage

Classification <ISIC4 Digit>		1999
1512	Fish Products	115.4
1553	Malt Liquors, Malt	67.1
	Total	113.8

List and Graph for Annual Dissemination /0801

[InventoryRatio] **Year : 2000** **ISIC : 15XXXX** **SurveyScope : Core 10 industry**

Commodity Group : Food&Bevarage



Indices of Industrial Production /0901

Year: 2000 **Month:** 1

Survey Scope: Pilot 400 **Report Type:** Revised Report

Outline of the trend

Detail Coment

(1)- - -

Index, 1999 Jan = 100

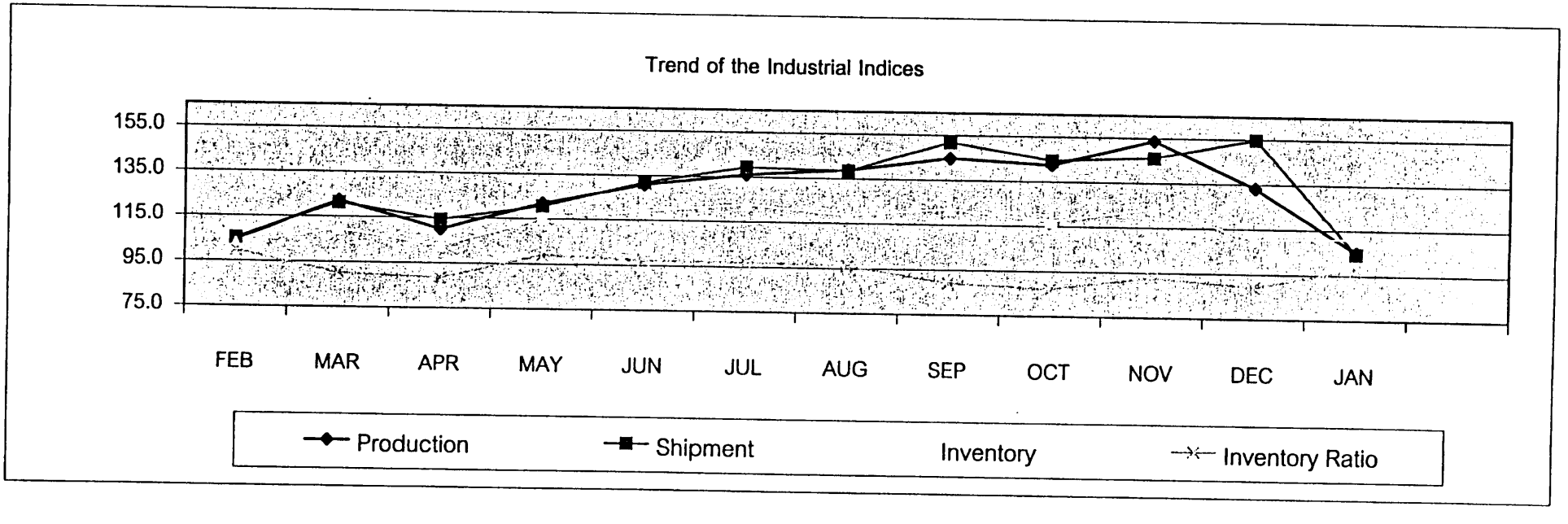
Indices	index		
		Growth Rate(%)	
	Jan-2000	Dec-1999	Jan-1999
Production	105.1	-21.13	5.06
Shipment	104.5	-32.45	4.49
Inventory	111.3	0.83	11.30
Inventor Ratio	97.7	9.73	-2.32
Labor Productivity	100.4	-17.62	0.45
Capacity Utilization	159.9	11.72	59.91

Graph & Table for the General Explanation 1001A

Year : 2000 **ISIC : XXXXXX** **SurveyScope : Pilot 400**

Month : 1 **Commodity Group : All Manufacturing** **Report Type : Revised Report**

Indices	1999											2000
	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN
Production	104.3	122.4	110.0	122.1	130.9	136.1	138.8	144.6	142.3	153.6	133.2	105.1
Shipment	105.3	121.4	114.3	120.8	132.0	139.4	138.4	151.8	144.3	146.1	154.7	104.5
Inventory	102.4	109.8	102.6	115.3	119.2	122.9	118.8	122.2	117.3	123.8	110.4	111.3
Inventory Ratio	99.6	90.2	88.3	99.0	97.2	97.1	96.2	89.1	87.2	92.9	89.0	97.7

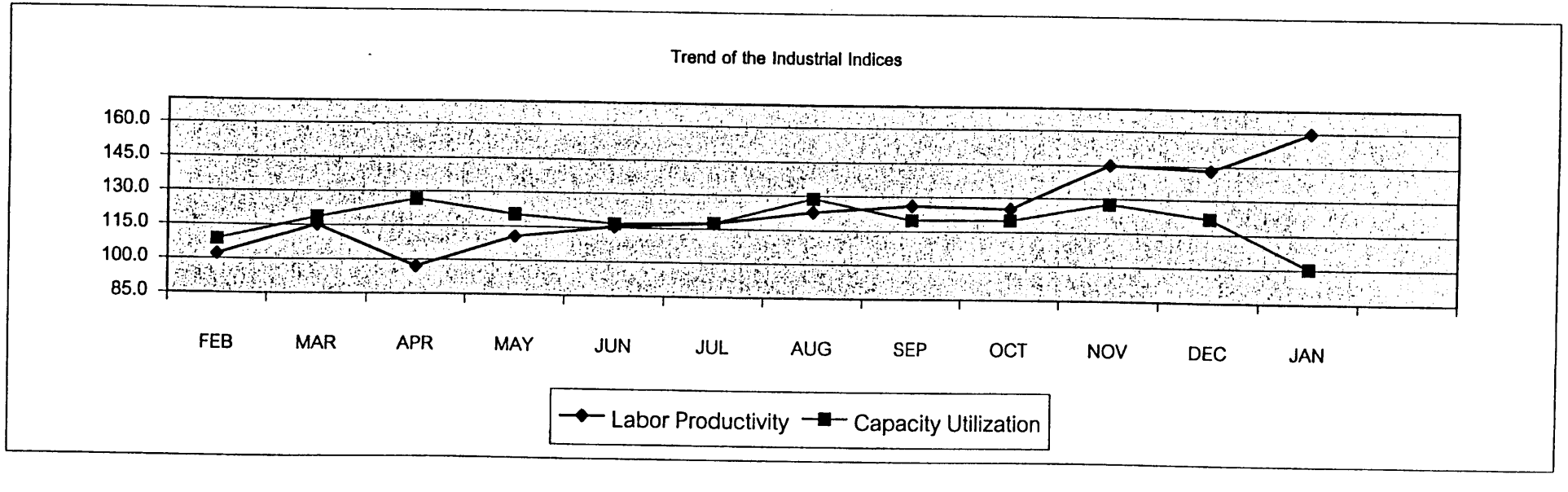


Graph & Table for the General Explanation /1001B

Year : 2000 **ISIC : XXXXXX** **SurveyScope : Pilot 400**

Month : 1 **Commodity Group : All Manufacturing** **Report Type : Revised Report**

Indices	1999											2000
	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN
Labor Productivity	102.1	115.2	96.9	110.6	115.5	117.5	123.0	126.1	125.1	145.0	143.1	159.9
Capacity Utilization	108.8	118.7	126.5	120.4	116.8	117.7	128.8	120.0	120.1	127.7	121.9	100.4

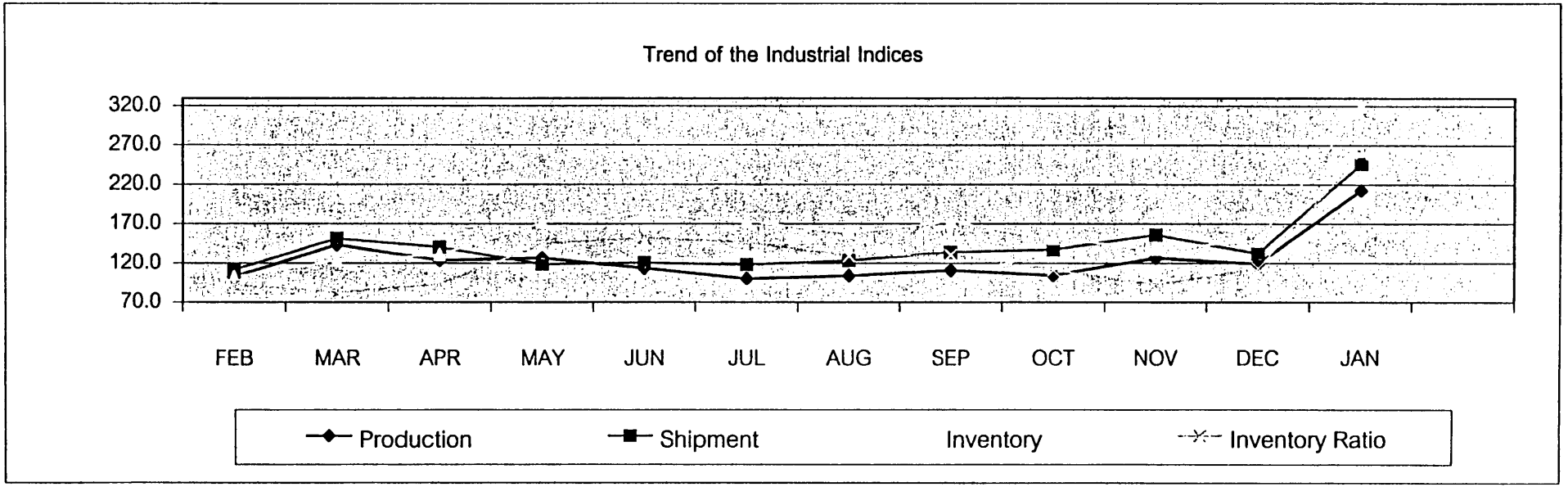


Graph & Table for the General Explanation 1001A

Year : 2000 **ISIC : 151210** **SurveyScope : Core 10 industry**

Month : 1 **Commodity Group : Canned Fish, Tuna** **Report Type : Preliminary Report**

Indices	1999											2000
	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN
Production	102.3	143.1	123.4	126.4	113.2	100.2	103.9	110.5	104.4	126.7	119.1	212.5
Shipment	111.5	151.0	140.1	118.6	120.5	117.9	123.3	133.8	137.3	155.7	132.2	246.3
Inventory	102.2	123.0	130.7	171.5	184.3	173.2	158.7	172.9	151.0	137.6	148.8	319.6
Inventory Ratio	91.9	82.0	93.0	144.1	152.2	146.2	129.1	130.2	111.3	91.7	113.1	260.5



Industrial Information Center /OIE

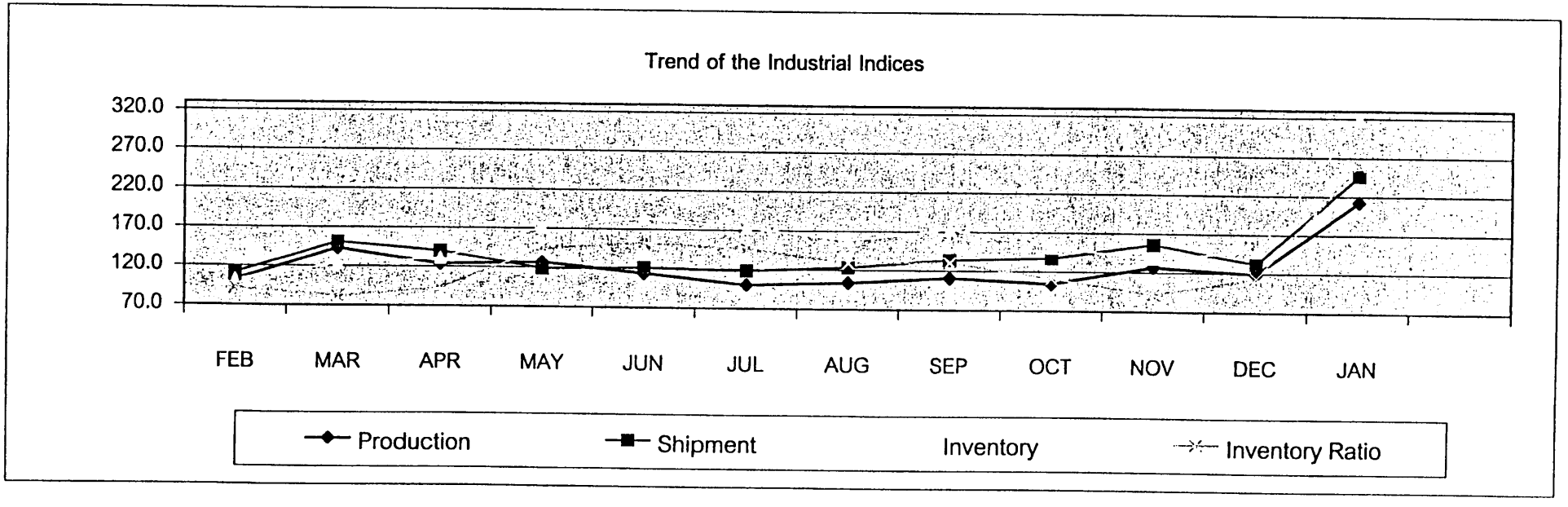
23/03/2000

Graph & Table for the General Explanation 1001A

Year : 2000 **ISIC : 1512XX** **SurveyScope : Core 10 industry**

Month : 1 **Commodity Group : Fish Products** **Report Type : Preliminary Report**

Indices	1999											2000
	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN
Production	102.3	143.1	123.4	126.4	113.2	100.2	103.9	110.5	104.4	126.7	119.1	212.5
Shipment	111.5	151.0	140.1	118.6	120.5	117.9	123.3	133.8	137.3	155.7	132.2	246.3
Inventory	102.2	123.0	130.7	171.5	184.3	173.2	158.7	172.9	151.0	137.6	148.8	319.6
Inventory Ratio	91.9	82.0	93.0	144.1	152.2	146.2	129.1	130.2	111.3	91.7	113.1	260.5

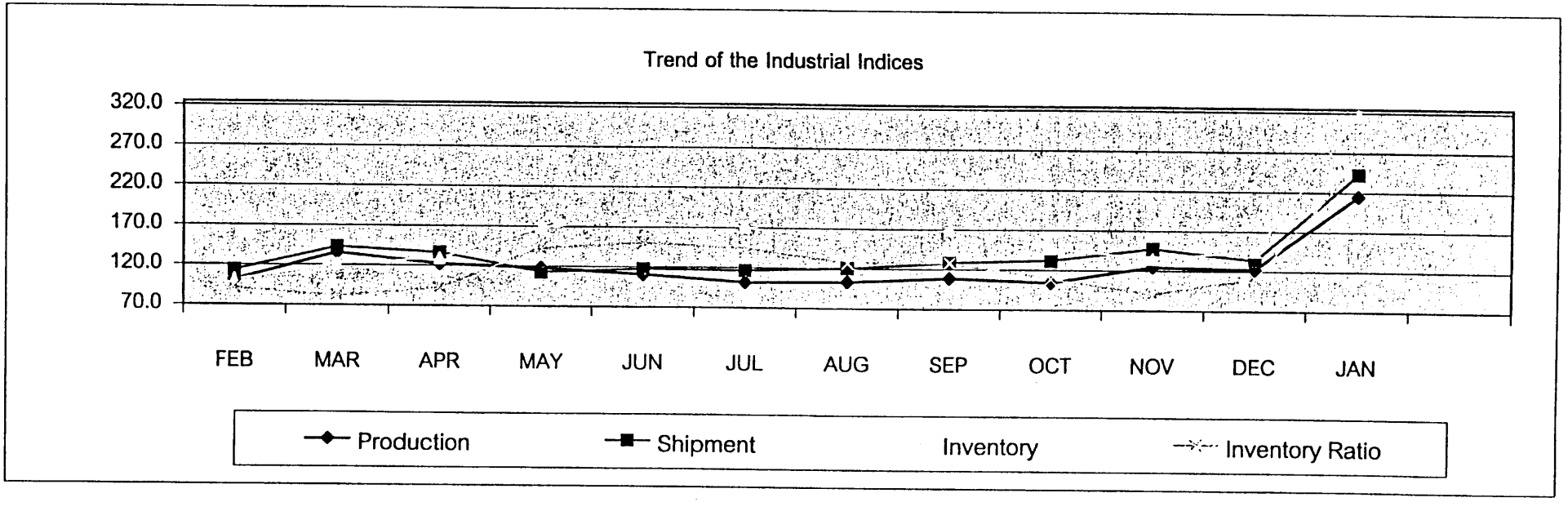


Graph & Table for the General Explanation 1001A

Year : 2000 **ISIC : 15XXXX** **SurveyScope : Core 10 industry**

Month : 1 **Commodity Group : Food&Bevarage** **Report Type : Preliminary Report**

Indices	1999											2000
	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN
Production	101.0	135.7	122.0	117.9	110.2	101.5	103.2	108.7	104.2	124.6	122.3	215.1
Shipment	113.4	143.0	136.4	112.3	117.5	116.2	120.3	128.1	131.8	147.6	133.5	242.5
Inventory	101.0	121.5	129.0	168.6	180.9	170.6	155.8	169.6	147.5	135.0	145.8	317.2
Inventory Ratio	90.7	81.4	92.0	142.4	149.8	144.2	126.9	128.1	108.9	90.3	110.7	259.0

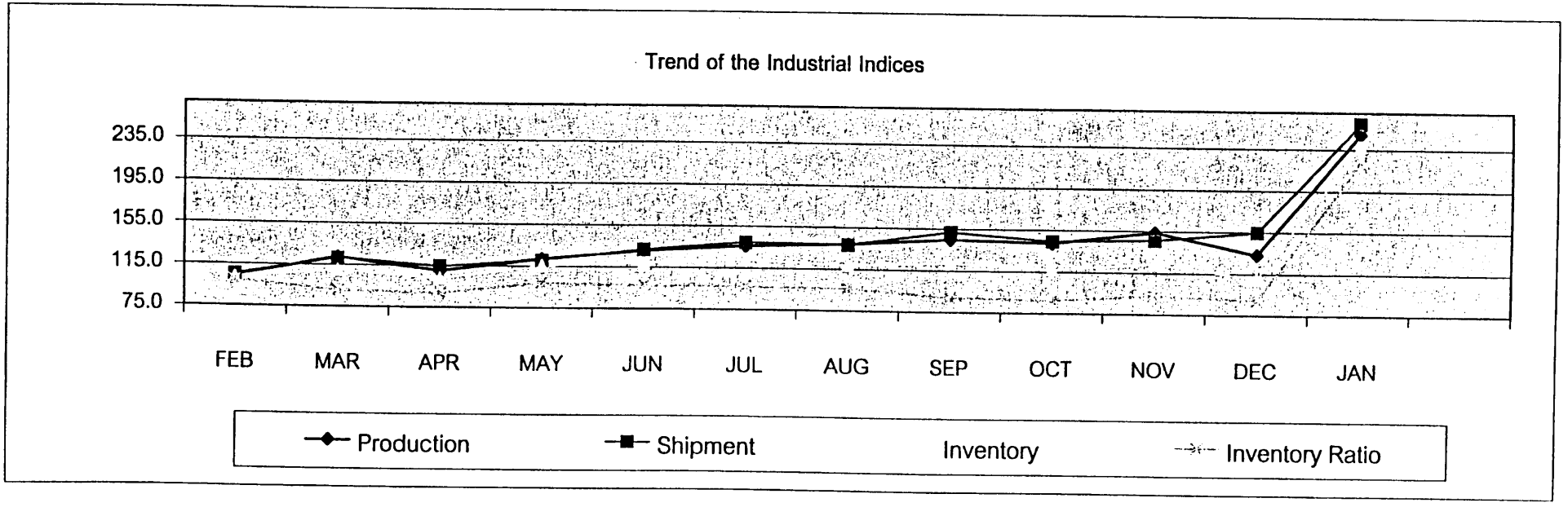


Graph & Table for the General Explanation 1001A

Year : 2000 **ISIC : XXXXXX** **SurveyScope : Core 10 Industry**

Month : 1 **Commodity Group : All Manufacturing** **Report Type : Preliminary Report**

Indices	1999											2000
	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN
Production	104.3	122.4	110.0	122.1	130.9	136.1	138.8	144.6	142.3	153.6	133.2	249.4
Shipment	105.3	121.4	114.3	120.8	132.0	139.4	138.4	151.8	144.3	146.1	154.7	259.3
Inventory	102.4	109.8	102.6	115.3	119.2	122.9	118.8	122.2	117.3	123.8	110.4	238.0
Inventory Ratio	99.6	90.2	88.3	99.0	97.2	97.1	96.2	89.1	87.2	92.9	89.0	220.8



Collection Status of Establishment /2001

ISIC : 151210 ***Continuous Respondent :*** Only

YEAR : 2000 ***Survey Scope :*** Expansion 20 industry

Continous	Registration No.	Establishment Name	Telephone No.	1	2	3	4	5	6	7	8	9	10	11	12
	3-004(05)-001/41สค	บริษัท เวิลด์ เฟรช จำกัด	4513462	I		I									
	3-006(01)-001/15สป	บริษัท เกียรติฟ้า ฟูดส์ จำกัด		/	I										
	3-006(01)-001/22กท	บริษัท ณรงค์แดนนิ่ง จำกัด		/											
	3-006(01)-001/23สค	บริษัท ยูนิคอร์ด จำกัด (มหาชน)		/											
	3-006(01)-001/26สค	บริษัท บี แอนด์ เอ็ม โปรดักส์ จำกัด		/	/										
	3-006(01)-001/28สค	บริษัท ไทยรวมสินพัฒนาอุตสาหกรรม จำกัด		/	/										
	3-006(01)-001/32สป	บริษัท สยามโกชนากร จำกัด		A											
	3-006(01)-002/30สป	บริษัท ไฮคิว ผลิตภัณฑ์อาหาร จำกัด		/											
	3-007(01)-001/15สป	บริษัท ริมทะเล - กรุงเทพ จำกัด		A											
	3-006(03)-001/31สค	บริษัท เอ แอนด์ เอ็น ฟูดส์ จำกัด		I											
	3-008(01)-001/25กท	บริษัท วี.เค.แฟคตอรี่ จำกัด		/											
	3-008(01)-001/32สค	บริษัท เกียรติเจริญฟูด จำกัด		/											
	3-008(01)-002/31สค	บริษัท ออน-กรีน โปรดิ้วส์ จำกัด		/	/										
	3-013(02)-002/30สป	บริษัท พรีเมียร์ แดนนิ่ง อินดัสตรี้ จำกัด		/											
	u3-006(02)-003/36สค	บริษัท ลัคกี้ยูเนียน ฟูดส์ จำกัด		A											
	u3-007(00)-001/26สป	บริษัท อาร์ เอส แดนเนอรี่ จำกัด		I											
	ศ2-006(01)-001/33นบ	บริษัท บักเซ้งฟูด (ไทยแลนด์) จำกัด	5261241	A											
	ศ3-004(03)-001/35ปท	บริษัท เจ.เอ็ม.อุตสาหกรรมอาหาร จำกัด		A											
	ศ3-006(01)-001/32สค	บริษัท สยามนานาแดนนิ่ง จำกัด	034-472797-9	I	/										
	ศ3-006(01)-001/34สค	บริษัท ณรงค์ซีฟูด จำกัด		A											
	ศ3-006(01)-001/36สป	บริษัท ดูฟูด จำกัด		A											
	ศ3-092(00)-003/33สค	บริษัท รักเต็ม จำกัด	034-421200	A											

* is Not Continuous Respondent.,

/ : OK, X : No, I : Include Automatic Estimation, A: Automatic Estimation

Industrial Information Certer/OIE

22 March 2000

CPM/CPY of the Raw Data by Establishment/2101

Year : 2000 ***Month :*** 1 ***ISIC :*** 151210 Canned Fish&Seafood

Registration No : 3-006(03)-001/31สค บริษัท เอ แอนด์ เอ็น ฟู้ดส์ จำกัด ***Continuous Respondent :*** Yes

1.Finished Goods(Quantity)		BM_Inventory	Production	Receipt	Domestic	Export	Others	ME_Inventory
040 Canned seafood crab	This Month							
	Pre Month	172.12						
	Pre Year							
	CPM(%)							
	CPY(%)							
2.Finished Goods(Values)		Shipment	Sales Plan					
3.Labor		Labor Total	Labor SC					
010 Number of workers	This Month	299.36	277.64					
	Pre Month	268.00	268.00					
	Pre Year							
	CPM(%)	11.70%	3.60%					
	CPY(%)							
020 Ave work hour(pdpw)	This Month	7.91						
	Pre Month	8.00						
	Pre Year							
	CPM(%)	-1.11%						
	CPY(%)							
030 Ave work day (pmpw)	This Month	22.85						
	Pre Month	23.00						
	Pre Year							
	CPM(%)	-0.66%						
	CPY(%)							
4.Row Materials		RwMtME_Inventory	RwMtME_InvValue					
6.Capacity		Capacity						

CPM/CPY of the Raw Data by Establishment/2101

Year : 2000 ***Month :*** 1 ***ISIC :*** 171110 Cotton and Silk yarn

Registration No : 3-022(02)-001/13ปท บริษัท ไทยดูราโบ จำกัด ***Continuous Respondent :*** Yes

1.Finished Goods(Quantity)		BM_Inventory	Production	Receipt	Domestic	Export	Others	ME_Inventory
010 Cotton yarn(pure)	This Month	185.00	279.08	0.00	135.96	146.72	246.33	-64.93
	Pre Month	223.00	262.00	0.00	126.00	161.00	181.00	185.00
	Pre Year	0.00	220.00	0.00	77.00	86.00	110.00	271.00
	CPM(%)	-17.04%	6.52%		7.90%	-8.87%	36.10%	-135.10%
	CPY(%)		26.85%		76.57%	70.61%	123.94%	-123.96%
200 Polyester Mixed	This Month	183.00	201.43	0.00	10.22	0.00	151.84	222.38
	Pre Month	187.00	177.00	0.00	10.00	0.00	122.00	183.00
	Pre Year	0.00	172.00	0.00	1.50	0.00	87.00	247.00
	CPM(%)	-2.14%	13.80%		2.16%		24.46%	21.52%
	CPY(%)		17.11%		581.04%		74.53%	-9.97%

2.Finished Goods(Values)		Shipment	Sales Plan
010 Cotton yarn(Pure)	This Month	27,703.14	
	Pre Month	25,157.00	
	Pre Year	21,000.00	
	CPM(%)	10.12%	
	CPY(%)	31.92%	
200 Polyester Mixed	This Month	4,365.63	
	Pre Month	1,000.00	
	Pre Year	150.00	
	CPM(%)	336.56%	
	CPY(%)	2,810.42%	
999	This Month	51,296.68	
	Pre Month	26,157.00	
	Pre Year	21,150.00	
	CPM(%)	96.11%	

Estimated Questionnaires /2401

Year 2000 Month 1

ISIC	Registration No	Establishment Name	Estimated Mark	Continous Respondent	Survey Scope
151210	3-004(05)-001/41สค	บริษัท เวิลด์ เฟรช จำกัด	A		1
	3-006(01)-001/32สป	บริษัท สยามโกซนากร จำกัด	A		1
	3-007(01)-001/15สป	บริษัท ริมทะล - กรุงเทพ จำกัด	A		1
	3-006(03)-001/31สค	บริษัท เอ แอนด์ เอ็บ ฟู้ดส์ จำกัด	I		1
	น3-006(02)-003/36สค	บริษัท ลัคกี้ยูเนียน ฟูดส์ จำกัด	A		1
	น3-007(00)-001/26สป	บริษัท อาร์ เอส แคนเนอรี่ จำกัด	I		1
	ศ2-006(01)-001/33นบ	บริษัท บักเซ้งฟู้ด (ไทยแลนด์) จำกัด	A		1
	ศ3-004(03)-001/35ปท	บริษัท เจ.เอ็ม.อุตสาหกรรมอาหาร จำกัด	A		1
	ศ3-006(01)-001/32สค	บริษัท สยามนานาแคนนิ่ง จำกัด	I		1
	ศ3-006(01)-001/34สค	บริษัท ณรงค์ชีฟูด จำกัด	A		1
	ศ3-006(01)-001/36สป	บริษัท ดูฟู้ด จำกัด	A		1
	ศ3-092(00)-003/33สค	บริษัท รักเติม จำกัด	A		1
171110	3-022(01)-002/35สป	บริษัท โรงงานผ้าไทย จำกัด (มหาชน)	A		1
	3-022(01)-003/38นฐ	บริษัท สยามโมเดอร์นเท็กซ์ จำกัด	A		1
	3-022(02)-001/13ปท	บริษัท ไทยคูราโบ จำกัด	A		1
	3-024(00)-001/18นฐ	บริษัท เจริญสวัสดิ์ไยเทียมยีต จำกัด	A		1
173010	3-028(01)-001/27สป	บริษัท แฟ่งบราเดอร์สโฮลดิ้ง (ประเทศไทย) จำกัด	I		1
	3-028(01)-001/29สป	บริษัท เอ็ม แอนด์ อาร์ เท็กซ์ไทลส์ จำกัด	I		1
	3-028(01)-001/36สค	บริษัท เรียนศิลป์การทอ จำกัด	I		1
	3-028(01)-001/37ปจ	บริษัท ไทยการ์เมนต์เอ็กซปอร์ต จำกัด (ปราจีนบุรี)	A		1
	3-028(01)-002/32นฐ	บริษัท จินตนาแอพพาเรล จำกัด	I		1
	3-028(01)-003/35กท	บริษัท ทองไทยการทอ จำกัด	I		1
	3-028(01)-005/33สป	บริษัท ที.เอ็ม.การ์เมนท์ จำกัด	I		1
	3-028(01)-007/27สป	บริษัท ยามาเกน แอ็พแพเร็ล จำกัด	I		1
	3-028(01)-009/40กท	บริษัท อินทิเมทแฟชั่น จำกัด	A		1
	3-028(01)-014/16กท	บริษัท เครื่องนุ่งห่มสำเร็จรูป จำกัด	A		1
	3-028(01)-014/19กท	บริษัท แอนนาการ์เมนท์ จำกัด	I		1
	3-028(01)-105/29กท	บริษัท เอช แอนด์ บี อินเตอร์เท็กซ์ จำกัด	A		1
	3-028(01)-188/26กท	บริษัท โรจน์ธนสาร จำกัด	A		1
	3-024(00)-001/24กท	ห้างหุ้นส่วนจำกัดโชคดีการ์เม้นท์ (1980)	I		1
	3-024(00)-003/14กท	บริษัท โรงงานไทยแลนด์นิตติ้ง จำกัด	A		1
	3-028(01)-016/34กท	บริษัท ซัยบูรพา จำกัด	A		1
	จ3-028(01)-003/37สป	บริษัท สแตนดาร์ดการ์เม้นท์ จำกัด	A		1
	จ3-028(01)-004/36นฐ	บริษัท สามพรานแฟชั่นเฮ้าส์ จำกัด	A		1
	จ3-028(01)-005/36นฐ	บริษัท ฮาร์ทแอนด์มายด์แอพพาเรล จำกัด	I		1
	น3-028(01)-003/34สป	บริษัท บอดี้ แฟชั่น (ประเทศไทย) จำกัด	I		1
181010	3-028(01)-001/15ปท	บริษัท ไทยเอโร่ จำกัด	I		1
	3-028(01)-001/25ปท	ห้างหุ้นส่วนจำกัด ชินวัตร แฟชั่นเฮ้าส์	A		1
	3-028(01)-001/27นบ	บริษัท วาไทย อุตสาหกรรม จำกัด (มหาชน)	A		1
	3-028(01)-001/39ลพ	บริษัท วาโก้ลำพูน จำกัด	I		1
	3-028(01)-001/41พช	บริษัท วรพรการ์เมนท์ จำกัด	A		1
	3-028(01)-003/21สป	บริษัท ยูเนี่ยนการ์เม้นท์ จำกัด	A		1
	3-028(01)-008/31สป	บริษัท แฟ่งบราเดอร์สโฮลดิ้ง (ประเทศไทย) จำกัด	I		1
	3-028(01)-029/27กท	บริษัท ประชาอาภรณ์ จำกัด (มหาชน)	A		1
	3-028(01)-056/34กท	ห้างหุ้นส่วนจำกัด โรจน์อะแพเร็ล	A		1

ISIC	Registration No	Establishment Name	Estimated Mark	Continous Respondent	Survey Scope
181010	3-028(01)-057/31กท	บริษัท เอลต้า จำกัด	A		1
	3-028(01)-071/31กท	ห้างหุ้นส่วนจำกัด คริสติน่าการ์เม้นท์	I		1
	3-028(01)-095/29กท	บริษัท วรพรการ์เม้นท์ จำกัด	A		1
	3-028(01)-096/35กท	ห้างหุ้นส่วนจำกัด เอเซียไทยโปรดั๊ก	A		1
	3-028(01)-100/27กท	บริษัท ปิ๊ปปิน อินเตอร์เนชั่นแนล อี.แอนด์.ไอ. จำกัด	A		1
	3-028(01)-113/30กท	บริษัท อาเซี่ยนการ์เม้นท์ จำกัด	A		1
	3-028(01)-154/35กท	บริษัท การ์เม้นท์ เทค อินเตอร์เนชั่นแนล จำกัด	A		1
	3-028(01)-156/31กท	บริษัท ดงคาอุตสาหกรรมการทอ จำกัด	A		1
	3-028(01)-169/25กท	บริษัท เวิลด์แวร์อินดัสตรี จำกัด	A		1
	3-028(01)-182/32กท	บริษัท เวชวิวัฒน์ จำกัด (โรงงาน 1)	A		1
	3-028(01)-194/34กท	บริษัท นวอาภรณ์ จำกัด	A		1
	3-024(00)-022/29กท	บริษัท เพรสซิเดนท์ นิตติ้ง แอนด์ การ์เม้นท์ จำกัด	A		1
	3-028(01)-001/33ชม	บริษัท เชียงใหม่ ไท้อั๊ว อินดัสทรี จำกัด	I		1
	3-028(01)-002/27ชม	บริษัท ตันติยานันท์ การ์เม้นท์ จำกัด	I		1
	3-028(01)-167/26กท	บริษัท เยอร์บีร่า จำกัด	A		1
	จ3-028(01)-004/36ปจ	บริษัท วาโก้กบินทร์บุรี จำกัด	A		1
	จ3-028(01)-021/35สป	บริษัท ราชาอูชิโน จำกัด	A		1
	น3-028(01)-001/29กท	บริษัท เยนเนอรัล โค้ตติ้งกรุ๊ป จำกัด	A		1
	น3-028(01)-002/33สป	บริษัท ซันเท็กซ์ อินดัสเตรียล คอโพเรชั่น จำกัด	A		1
	น3-028(01)-003/34สป	บริษัท บอดี้ แฟชั่น (ประเทศไทย) จำกัด	A		1
232010	น3-049(00)-001/36ระ	บริษัท โรงกลั่นน้ำมันระยอง จำกัด	A		1
321010	ส3-072(00)-001/34นบ	บริษัท เซมิคอน ดัคเตอร์ เวนเจอร์ อินเตอร์เนชั่นแนล จำ	A		1
	ส3-072(00)-005/32ปท	บริษัท พีซีทีที จำกัด	A		1
321020	3-072(00)-006/33ปท	บริษัท อัลฟาซอร์ส แมนูแฟคเจอริ่ง โซลูชั่น จำกัด (มหาช	A		1
	3-072(00)-007/33ปท	บริษัท ตราไก่ พี.ซี.บี. จำกัด (มหาชน)	I		1
	น2-072(00)-003/32สป	บริษัท ไทยอาซาฮี เคนกิ จำกัด	A		1
	น3-072(00)-006/37สป	บริษัท เคลต้า อิเล็กทรอนิกส์ (ประเทศไทย) จำกัด (มหา	A		1
	ส3-072(00)-001/31สป	บริษัท ซัมมี ซาวด์ เทิด (ประเทศไทย) จำกัด	A		1
	ส3-072(00)-001/35อย	บริษัท ฮิตาชิ เฟอร์ไรท์ (ประเทศไทย) จำกัด	I		1
	ส3-072(00)-003/40อย	บริษัท นิชิยามะ อินดัสตรีส์ (ไทยแลนด์) จำกัด	A		1
	ส3-074(03)-001/32ปท	บริษัท โดชิน (ประเทศไทย) จำกัด	A		1
341010	3-077(01)-001/18สป	บริษัท โตโยต้า มอเตอร์ ประเทศไทย จำกัด	A		1
	3-077(01)-001/19สป	บริษัท ไทย-สวีดิช แอสเซมบลีย์ จำกัด	I		1
	3-077(01)-001/38สป	บริษัท ธนบุรีประกอบรถยนต์ จำกัด	A		1
	น3-077(01)-001/37ฉช	บริษัท โตโยต้า มอเตอร์ ประเทศไทย จำกัด	I		1

Time Series List of Raw Data by Establishment /2201

ISIC : 151210 Canned Fish&Seafood ***Year :*** 1999 ***Survey Scope :*** Core 10 industry

Registration No. : 3-006(01)-001/22กท บริษัท ณรงค์แคนนิ่ง จำกัด ***Continuous Respondent :*** Yes

Commodity		BM_Inventory	Production	Receipt	Domestic	Export	Others	ME_Inventory	ShipmentVal	SalesPlan	Unit Price
010 Canned fish tuna	Jan	0.00	385.00	0.00	40.00	938.68	0.00	162.00	71,618.85		73.18
	Feb	162.00	350.00	0.00	143.00	607.00	0.00	199.00	47,842.00		63.79
	Mar	199.00	407.24	0.00	61.87	1,339.51	0.00	194.03	120,617.07		86.07
	Apr	194.03	494.98	0.00	18.30	1,637.99	0.00	180.58	103,429.23		62.45
	May	180.58	872.49	0.00	267.47	1,477.10	0.00	254.36	138,892.88		79.61
	Jun	254.36	580.87	0.00	93.46	1,440.72	0.00	126.08	120,189.01		78.34
	Jul	126.08	710.93	0.00	37.00	728.65	0.00	217.22	61,773.88		80.68
	Aug	217.22	687.32	0.00	74.15	1,451.95	0.00	216.92	88,384.97		57.92
	Sep	216.92	549.26	0.00	27.31	1,808.53	0.00	369.02	136,775.63		74.50
	Oct	369.02	115.86	0.00	8.82	1,274.97	0.00	255.84	82,121.41		63.97
	Nov	255.84	209.53	0.00	14.04	1,158.39	0.00	94.68	92,775.47		79.13
	Dec	94.68	375.16	0.00	18.06	855.63	0.00	250.29	62,372.64		71.39
020 Canned fish sardine	Jan	0.00	403.00	0.00	17.00	48.00	0.00	122.00	4,567.00		70.26
	Feb	122.00	482.00	0.00	17.00	151.00	0.00	112.00	5,470.00		32.56
	Mar	112.00	531.78	0.00	0.97	93.92	0.00	207.15	4,191.99		44.18
	Apr	207.15	736.98	0.00	19.99	100.74	0.00	150.22	8,530.77		70.66
	May	150.22	1,231.26	0.00	5.84	135.11	0.00	212.30	6,855.51		48.64
	Jun	212.30	1,034.24	0.00	0.87	246.49	0.00	214.40	8,817.42		35.65
	Jul	214.40	796.14	0.00	14.79	101.32	0.00	119.90	4,592.13		39.55
	Aug	119.90	1,023.12	0.00	17.41	110.80	0.00	339.68	5,370.46		41.89
	Sep	339.68	1,410.03	0.00	0.89	96.96	0.00	316.64	5,066.37		51.78
	Oct	316.64	1,055.62	0.00	30.08	84.40	0.00	216.21	4,623.62		40.39
	Nov	216.21	1,292.36	0.00	23.85	139.39	0.00	126.72	6,445.34		39.48
	Dec	126.72	756.92	0.00	29.47	240.64	0.00	163.87	11,986.02		44.37

List of Estimated Questionaire

Date: 17/03/200

Year: 2000 ***Month:*** January

ISIC: 151210 Canned Fish&Seafood

Registration No.	Name	Telephone	Fax.	Respondent
ศ3-092(00)-003/33สค	บริษัท รักเต็ม จำกัด	034-421200	034-423286	นัยนา ลากผลอนันต์
3-006(01)-001/32สป	บริษัท สยามโกชนากร จำกัด	3871034, 3951038	3872696	จรัสชัย อาภาจรัส
3-007(01)-001/15สป	บริษัท ริมทะเล - กรุงเทพ จำกัด	4626063, 4635220-1,4625108		วีระพงศ์ ปอสการะยะกุล
น3-006(02)-003/36สค	บริษัท ลัคกี้ยูเนียน ฟูดส์ จำกัด	034-490009-13	034-490008	จีระพัฒน์ กรองเทิน
ศ2-006(01)-001/33นบ	บริษัท บักเซ้งฟู้ด (ไทยแลนด์) จำกัด	5854781, 9680086	5252548,9110645	สุวรรณี กิติรัตนกิรมย์
ศ3-004(03)-001/35ปท	บริษัท เจ.เอ็ม.อุตสาหกรรมอาหาร จำกัด	5332904-6	5332908	วิไลวรรณ วัฒนเวศน์วิจิตร์
ศ3-006(01)-001/34สค	บริษัท ณรงค์ซีฟูด จำกัด	(034) 424669,4166033	(034) 423910,4150475	สุรชัย จริยวัฒนาศิริกุล
ศ3-006(01)-001/36สป	บริษัท ดูฟู้ด จำกัด	4628133-9	4628122	ชยันต์รัตน์ ชัชยพงษ์
3-004(05)-001/41สค	บริษัท เวิลด์ เฟรช จำกัด	(034) 812557-8,4513462-7	(034) 812557,4513504	สมหมาย ทินกร

Index List of the Growth Rate by Industry in all Manufacturing (Pattern-2) / 0402

1 . Production

Year 2000 ***Classification:*** All Manufacturing ***Report Type:*** Revised

Month: 1 ***Survey Scope:*** ExpandScope2

Industry		Index			Growth Rate (%)		Contribution Degree		Contribution Ratio (%)		
		This Month	PM	PY	CPM	CPY	CPM	CPY	CPM	CPY	
1512	Fish Products	116.8	119.1	100.0	-1.89	16.84	-0.18	1.84	1.64	10.08	1091
1553	Malt Liquors, Malt	111.6	132.4	100.0	-15.73	11.61	-0.55	0.41	4.87	2.23	349.9
1711	Preparation Textile	123.3	122.1	100.0	0.96	23.27	0.10	2.61	-0.88	14.29	1120.[illegible]
1730	Knitted Crochet	98.5	99.6	100.0	-1.09	-1.48	-0.01	-0.01	0.06	-0.06	76.46
1810	Wearing except Fur	116.1	119.0	100.0	-2.44	16.13	-0.16	1.17	1.41	6.40	
2320	Refined Petroleum	96.3	93.1	100.0	3.43	-3.70	0.33	-0.51	-2.93	-2.79	
2694	Cement,Lime	102.4	86.4	100.0	18.61	2.44	0.56	0.11	-5.02	0.63	
3210	Electronic Compon	163.7	163.2	100.0	0.34	63.72	0.04	5.86	-0.34	32.15	
3230	TV,Radio,Associate	130.1	140.1	100.0	-7.11	30.10	-0.62	2.51	5.54	13.74	832.4
3410	Motor Vehicle	114.0	161.0	100.0	-29.20	13.98	-10.74	4.26	95.65	23.34	3044.3
All Manufacturing		118.2	133.2	100.0	-11.23	18.24	-11.23	18.24	100.00	100.00	10000

$CPM_{1512} = \frac{-1.89 \times 1091}{-11.23 \times 10000} \times 100 = \frac{2061.99}{112300} \times 100 = 1.83$

$CPM_{1553} = \frac{-15.73 \times 349.9}{-11.23 \times 10000} \times 100 = \frac{5503.9}{1123} = 4.90$

$CPM_{1711} = \frac{0.96 \times 1120.[illegible]}{-11.23 \times 10000} \times 100 = \frac{-}{1123} = -0.95$

$CPM_{1730} = -0.074$, $CPM_{3410} = 79.1$ $CPM_{3230} = 5.27$

$CPY_{3410} = \frac{13.98 \times 3044.3}{18.24 \times 10000} \times 100 = \frac{}{1824} = 23.33$

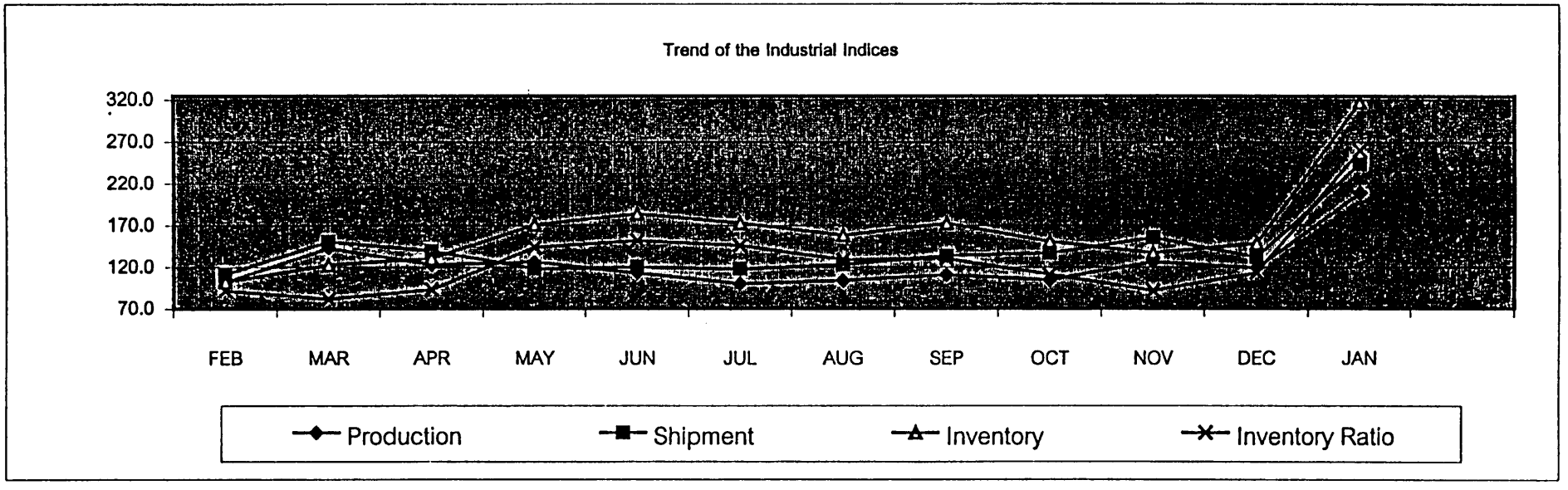
$CPY_{3230} = 13.73$

Graph & Table for the General Explanation 1001A

Year : 2000 **ISIC : 1512XX** **SurveyScope : Pilot 400**

Month : 1 **Commodity Group : Fish Products** **Report Type : Preliminary Report**

Indices	1999											2000
	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN
Production	102.3	143.1	123.4	126.4	113.2	100.2	103.9	110.5	104.4	126.7	119.1	209.0
Shipment	111.5	151.0	140.1	118.6	120.5	117.9	123.3	133.8	137.3	155.7	132.2	244.3
Inventory	102.2	123.0	130.7	171.5	184.3	173.2	158.7	172.9	151.0	137.6	148.8	317.0
Inventory Ratio	91.9	82.0	93.0	144.1	152.2	146.2	129.1	130.2	111.3	91.7	113.1	260.4



List of the Time-Series Indices by Commodity /0501P1

[Production] **Year : 2000** **ISIC : 151210** **SurveyScope :** Pilot 400

Month : 1 **Commodity Group : Canned Fish, Tuna** **Report Type :** Preliminary Report

Commodity			1999											2000
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN
010	Canned fish tuna	Index	100.00	105.03	149.29	122.39	126.21	112.74	97.22	101.68	105.60	102.07	127.91	120.62	203.40
		CPM		5.03	42.14	-18.01	3.12	-10.67	-13.77	4.58	3.86	-3.35	25.32	-5.70	-31.36
		CPY													3.40
020	Canned fish sardine	Index	100.00	87.32	108.68	128.85	127.40	115.79	116.70	116.12	137.85	117.30	119.99	110.57	240.09
		CPM		-12.68	24.47	18.56	-1.13	-9.12	0.78	-0.50	18.71	-14.91	2.29	-7.85	17.14
		CPY													40.09
	Canned Fish, Tuna Total	Index	100.00	102.34	143.11	123.37	126.39	113.21	100.18	103.87	110.50	104.38	126.70	119.09	208.98
		CPM		2.34	39.85	-13.79	2.44	-10.43	-11.50	3.68	6.38	-5.54	21.38	-6.01	-24.52
		CPY													8.98

List of the Time-Series Indices by Commodity /0501P1

[Shipment] **Year : 2000** **ISIC : 151210** **SurveyScope :** Pilot 400

Month : 1 **Commodity Group : Canned Fish, Tuna** **Report Type :** Preliminary Report

Commodity			1999											2000
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN
010	Canned fish tuna	Index	100.00	116.95	158.40	143.20	119.92	121.84	119.93	127.09	138.29	142.24	164.69	135.31	249.19
		CPM		16.95	35.45	-9.60	-16.26	1.60	-1.56	5.97	8.82	2.85	15.78	-17.84	-15.83
		CPY													49.19
020	Canned fish sardine	Index	100.00	78.12	105.72	121.17	110.33	112.46	105.52	100.00	106.24	106.98	101.29	113.35	214.69
		CPM		-21.88	35.33	14.62	-8.95	1.93	-6.17	-5.23	6.24	0.70	-5.32	11.90	-10.60
		CPY													14.69
	Canned Fish, Tuna Total	Index	100.00	111.45	150.95	140.08	118.56	120.51	117.89	123.26	133.76	137.26	155.73	132.20	244.31
		CPM		11.45	35.44	-7.20	-15.36	1.64	-2.17	4.55	8.52	2.61	13.46	-15.11	-15.20
		CPY													44.31

List of the Time-Series Indices by Commodity /0501P1

[Inventory] **Year : 2000** **ISIC : 151210** **SurveyScope :** Pilot 400

Month : 1 **Commodity Group : Canned Fish, Tuna** **Report Type :** Preliminary Report

Commodity			1999											2000
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN
010	Canned fish tuna	Index	100.00	98.25	117.42	125.56	167.72	182.42	169.29	149.26	160.27	138.53	124.51	136.69	290.36
		CPM		-1.75	19.51	6.94	33.57	8.77	-7.20	-11.84	7.38	-13.57	-10.12	9.79	12.43
		CPY													90.36
020	Canned fish sardine	Index	100.00	155.44	199.35	200.16	222.72	209.21	226.39	287.01	344.28	320.92	314.94	313.63	678.32
		CPM		55.44	28.25	0.41	11.27	-6.07	8.21	26.78	19.95	-6.79	-1.86	-0.42	16.28
		CPY													478.32
	Canned Fish, Tuna Total	Index	100.00	102.17	123.03	130.68	171.49	184.26	173.21	158.70	172.88	151.03	137.56	148.82	316.95
		CPM		2.17	20.42	6.21	31.23	7.45	-6.00	-8.38	8.94	-12.64	-8.92	8.18	12.98
		CPY													116.95

Annex Technical Procedure Manual

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Attachment : “Use of Tables by each Process” (Table)

1. Systems Cycle and Tables Used in each Cycle

There are five cycles, or processes in this Statistics Processing System. In addition, these process are categorized into four;

- Master table
- Transaction table
- System table which refers to the entire system
- Temporary work table with intermediate re-writing functions.

The table in the last page (attachment) explains how these tables are being used.

(1) Process

1) Daily Process: Daily data input work of the questionnaire
2) Monthly Process: Working of index creation for both preliminary and revised report.
3) Monthly Output: Output work of the result of calculation to Excel or sheet for making of both preliminary and revised report
4) Yearly Process: Creation work of annual index for annual report
5) Yearly Output: Output work of the result of annual index to the sheet

(2) Category of the Tables

1) Systems Table

A table prepared by the Study Team and being used as a Master table. However, users should not make any change into the table.

2) Master Table

A table once being set by the systems operator, the systems itself cannot make any change since it contains flexible data. Basically, all data should be input by the users manually.

3) Transaction Table

A table which the system loads the result of calculation. Basically, users should not add, revise and delete the data since updating data are loaded quite frequently.

4) Temporary Work Table

A table which can be used as the space for storing intermediate calculation result. Basically, all data are stored in the table temporally since all used data will be deleted by the system automatically.

2. Process of Master Settings Required for Daily Processing

Input work cannot be done unless all tables listed in the Daily Process Master showed in the previous page. The following key items of the master have to be input for setting of each column.

(1) Class Master

Required to have all information on ISIC 6 digits to be surveyed.

(2) Unit Master

Required to have all information on units which appear in the questionnaire

(3) Commodity Master

Required to have all information on commodity items which appear in the questionnaire.

Note: The following column settings are required for daily processing.

Sort No: Sorted commodity information which appears in the input screen. See 4.(3) for details.

Note: The following column settings are required for monthly processing.

Capacity Code: Indicates relations between item 1 and 6.

Index cope PR1: Information on accepted/not accepted of the production index (Setting should be required only for item 1)

Index Scope SP2: Information on accepted/not accepted of the shipment index (Setting should be required only for item 1)

Index Scope IV3: Information on accepted/not accepted of the inventory index (Setting should be required only for item 1)

Index Scope IR4: Information on accepted/not accepted of the inventory ratio index (Setting should be required only for item 1)

Index Scope CU5: Information on accepted/not accepted of the capacity utilization index (Setting should be required only for item 6)

Index Scope LP6: Information on accepted/not accepted of the labor productivity index (Setting should be required only for item 1)

(4) Establishment Master

Should have all information on the establishment to be surveyed which are classified by each ISIC 6 digits code.

Note: The following column setting is required in the monthly processing task.

Estimation Code: Information on estimation method to be applied for applicable business establishment

Survey Scope: Setting survey scope which belongs applicable business establishment

Continuous Respondent: Information on use/non-use of applicable business establishment for calculation of index

(5) Survey Scope Master

Should have all information on Survey Scope to be surveyed. A master key of "Survey Scope" should be set by an integer number which is more than 0.

(6) Deviation Range Master

It is a unit of each questionnaire which has ISIC 6 digits code, and it sets allowance range of deviation degree checks. However, the system automatically set the 10% as a default of allowance range in case no data was found in the table.

In case the user is intending to set 15% of deviation degree compared with the same month of the previous year, he/she should set as 15 (not 0.15) in DR_Compare Pre Year table.

(7) User ID Master

To access this entire statistics processing systems, all users should have user information. Concerning the meaning of Jurisdiction, please refer to operation manual.

3. Process of Master Settings Required for Monthly Processing

The tables listed as Master of Monthly Process shown in the previous page, the following new tables should be put in order;

- Link Master
- Deflator Master
- Seasonal Adjustment Master
- Weight Master
- Base Period File

It is important to note that the all above data require the followings steps;

1) Should set by each Survey Scope
2) All data namely Link Master, Deflator Master, Seasonal Adjustment Master, Weight Master, Base Period File should set the data key of the date of the initiation period by each Survey Scope.

And upon the preparation of the Master for daily processing, several setting steps should be taken into the already available data. Explanation by assuming that one Survey Scope exists and base year and month are January 1999, and the case follows:

SurveyScope : " 1 "
Base Year and Month: January, 1999

(1) Clearance of Link Master, Deflator Master, Seasonal Adjustment Master, Weight Master, and Base Period File

Example)

```
delete from linkmaster where surveyscope = '1';
commit;
delete from deflatormaster where surveyscope = '1';
commit;
delete from seasonaladjustmentmaster where surveyscope = '1';
commit;
delete from baseperiodfile where surveyscope = '1';
commit;
```

(2) Creation of Link Master

Example)

In this example, creation of Link Master Data as of January 1999 is shown. As a premier condition, a key is copied from a Commodity Master and considered 1 as a link coefficient of all commodity items.

```
insert into linkmaster
select
ISIC,
ITEMTYPE,
COMMODITYCODE,
1999,--YEAR                    /*Change here, if necessary*/
1,     --Month                 /*Change here, if necessary*/
'1',   --SURVEYSCOPE           /*Change here, if necessary*/
'1',   --VERSION               /*This value always must be ‘1’*/
1,     --PRODUCTIONQTY
1,     --SHIPMENTQTY
1,     --ME_INVENTORY
1,     --CAPACITY
1,     --SHIPMENTVALUE
1,     --WORKER
1,     --WORKINGHOUR
1,     --WORKINGDAY
1      --RWMT_MEINVENTORY
from commoditymaster
where itemtype in ('1','3','4','6');
        commit;
```

(3) Creation of Deflator Master

Example)

In this example, creation of Deflator Master as of January 1999 is shown. As a premier condition, a key is copied from a Link Master and considered 1 as a deflator

coefficient of for commodity items. Please note that the relationship between Link Master and Deflator Master is always set as 1 to 1, and this method is always effective.

```
insert into deflatormaster
select
ISIC,
ITEMTYPE,
COMMODITYCODE,
YEAR,
MONTH,
SURVEYSCOPE,
VERSION,
PRODUCTIONQTY,
SHIPMENTQTY,
ME_INVENTORY,
CAPACITY,
RWMT_MEINVENTORY
from LinkMaster
        where SurveyScope = '1';
```

(4) Input task of Weight Master

Creation of weight itself is out of responsibility for systems operator, however, both systems operator and weight creator require the creation of adequate weight by coordinating each other.

1) A personnel who is in charge of creation of the weight should make Survey Scope 1 on Excel using the following format.

ISIC	Commodity Code	Weight PR	Weight SP	Weight IV
151210	010	925.3964694	936.5441728	2083.94085
151210	020	165.8729968	154.2666045	153.3407891
155310	010	349.9059174	345.5532911	77.44158672
171110	010	698.1083563	739.8909473	490.3552477
171110	020	129.8836123	116.8422457	628.033133

(Note)

In above table, all commodity are not necessary to list, but only the commodity to be created as an index should be listed.

Weight PR: Weight of production
Weight SP: Weight of Shipment
Weight IV: Weight of Inventory

2) Above table should be edited using Excel by constructing the structure of Weight Master.

ISIC	Item Type	Commodity Code	Survey Scope	Version	Weight PR	Weight SP	Weight IV
151210	1	010	1	1	925.3964694	936.5441728	2083.94085
151210	1	020	1	1	165.8729968	154.2666045	153.3407891
155310	1	010	1	1	349.9059174	345.5532911	77.44158672
171110	1	010	1	1	698.1083563	739.8909473	490.3552477
171110	1	020	1	1	129.8836123	116.8422457	628.033133

Item Type: Should always be set as " 1 "
Survey Scope: Should be "1" since Survey Scope is set as 1 in this example.
Version: Should always be set as "1"

3) Export to Weight Master of Oracle using Access

(5) Changing Targeted Commodities to be indexed

Information on commodities adopted for creation of index are set in Commodity Master. And setting of adopted/not adopted commodity are stored in Production

Index, Shipment Index, Inventory Index, Inventory Ratio Index, Capacity Utilization Index, and Labor Productivity Index by each commodity.

The relationships between each 6 index and the column to be set in Commodity Master are shown in the following table.

Index	ItemType to set	Column to set	Values to set
Production	1	IndexScopePR1	Adopted :1 Not adopted: other than 1
Shipment	1	IndexScopeSP2	Adopted :1 Not adopted: other than 1
Inventory	1	IndexScopeIV3	Adopted :1 Not adopted: other than 1
Inventory Ratio	1	IndexScopeIR4	Adopted :1 Not adopted: other than 1
Capacity Utilization	6	IndexScopeCU5	Adopted :1 Not adopted: other than 1
Labor Productivity	1	IndexScopeLP6	Adopted :1 Not adopted: other than 1
Auxiliary 1	-	IndexScopeLI7	-
Auxiliary 2	-	IndexScopeRI8	-

(Note)

Both column of Index Scope LI7 and Index Scope LI8 exist, however, these are for future expansion of the systems and not being used in the present operating environment. In normal case, adoption and non adoption of index-commodity are supposed to be decided by the one in charge, however, he/she might be able to prepare the weight only. In that case, the example of setting method of Index Scope of Commodity Master from Weight Master is shown in the followings. Please note that this is one of a simple method and not perfectly applicable to entire method. After setting of the Master which requires for monthly processing, then execute Monthly Process of the base month and confirm the index 100 in all Aggregation Range. If the figures on ISIC 6 digits did not meet the required number 100 in base month, there is a possibility that these commodities are set as adopted items for creation of the index.

1) Clearance Process of Index Scope

Example)

```
update commodity master
set
INDEXSCOPEPR1 = '0',
INDEXSCOPESP2 = '0',
INDEXSCOPEIV3 = '0',
```

```
INDEXSCOPEIR4 = '0',
INDEXSCOPECU5 = '0',
INDEXSCOPELP6 = '0',
INDEXSCOPELI7 = '0',
INDEXSCOPERI8 = '0';
commit;
```

2) Setting Process of Index Scope PR1

Example）

Commodities of which production in Weight Master set their weight more than 0 can be considered for setting up of the targeted commodities on Production Index.

```
update commodity master C
set IndexScopePR1 = (
   select decode(weightPR,0,'0','1')
   from weightmaster W
   where W.isic                  = C.ISIC
      and W.itemtype             = C.itemtype
      and W.commoditycode    = C.CommodityCode
      and W.SurveyScope       = '1'
      and W.Version              = '1'
   )
where C.ItemType = '1';
commit;
```

3) Setting process of Index Scope SP2

Example）

Items of which production in Weight Master set their weight more than 0 can be considered for setting up of the targeted commodities on Shipment Index.

```
update commodity master C
set IndexScopeSP2 = (
   select decode(weightSP,0,'0','1')
   from weightmaster W
```

```
    where W.isic = C.ISIC
      and W.itemtype = C.itemtype
      and W.commoditycode = C.CommodityCode
      and W.SurveyScope = '1'
      and W.Version        = '1'
    )
  where C.ItemType = '1';

  Setting process of IndexScopeIV3
```

4) Setting process of Index Scope IV3

Example）

Items of which production in Weight Master set their weight more than 0 can be considered for setting up of the targeted commodities on Inventory Index.

```
update commoditymaster C
set IndexScopeIV3 = (
    select decode(weightIV,0,'0','1')
    from weightmaster W
    where W.isic = C.ISIC
      and W.itemtype = C.itemtype
      and W.commoditycode = C.CommodityCode
      and W.SurveyScope = '1'
      and W.Version        = '1'
    )
where C.ItemType = '1';
```

5) Setting process of Index Scope IR4

Example）

Items of which production in Weight Master set their weight more than 0 can be considered for setting up of the targeted commodities on Inventory Ratio Index.

```
update commoditymaster C
set IndexScopeIR4 = (
   select decode(weightIV,0,'0','1')
   from weightmaster W
   where W.isic = C.ISIC
      and W.itemtype = C.itemtype
      and W.commoditycode = C.CommodityCode
      and W.SurveyScope = '1'
      and W.Version        = '1'
   )
where C.ItemType = '1';
```

6) Setting process of Index Scope CU5

Example）

Items of which production in Weight Master set their weight more than 0 can be considered for setting up of the targeted commodities on Capacity Utilization Index. Note that this example has a preconditions that relationship between production and capacity in all the commodity is 1 to 1.

```
update commoditymaster C
set IndexScopeCU5 = (
   select decode(weightPR,0,'0','1')
   from weightmaster W
   where W.isic = C.ISIC
      and W.itemtype = '1'
      and W.commoditycode = C.CommodityCode
      and W.SurveyScope = '1'
      and W.Version        = '1'
   )
where C.ItemType = '6';
```

7) Setting process of Index Scope LI6

Example）

Items of which production in Weight Master set their weight more than 0 can be considered for setting up of targeted commodity for Labor Productivity Index.

```
update commoditymaster C
set IndexScopeLP6 = (
   select decode(weightPR,0,'0','1')
   from weightmaster W
   where W.isic = C.ISIC
      and W.itemtype = C.itemtype
      and W.commoditycode = C.CommodityCode
      and W.SurveyScope = '1'
      and W.Version        = '1'
   )
where C.ItemType = '1';
```

(6) Setting of Unit Price

Unit Price has not been set prior to the input process of the questionnaire from the input screen. However, it is required for caluculation of Labor Productivity Index which are used for calculation of Survey Data within Base Period File. Here, setting method of Unit Price prior to processing copy task from Survey Data table to Base Period File table.

Example)

By calling a program from PL/SQL and set data of Unit Price as of January 1999.

```
exec AutoEst.p_UnitPriceUpd(1999,1);
commit;
```

(7) Setting process of Base Period File

The process is only to copy base month data which has in SurveyData table to BasePeriodFile.

Example）

```
insert into Base Period File
select
  ISIC,
  YEAR,
  MONTH,
  REGISTRATIONNO,
  ITEMTYPE,
  COMMODITYCODE,
  '1',              --SURVEYSCOPE
  '1',              --VERSION
  BM_INVENTORY,
  ATRBT_BM_INVENTORY,
  PRODUCTIONQTY,
  ATRBT_PRODUCTIONQTY,
  RECEIPTS,
  ATRBT_RECEIPTS,
  DOMESTICSALES,
  ATRBT_DOMESTICSALES,
  EXPORT,
  ATRBT_EXPORT,
  OTHERSALES,
  ATRBT_OTHERSALES,
  ME_INVENTORY,
  ATRBT_ME_INVENTORY,
  CAPACITY,
  ATRBT_CAPACITY,
  SHIPMENTVALUE,
  ATRBT_SHIPMENTVALUE,
  SALESPLAN,
  ATRBT_SALESPLAN,
  LABORTOTAL,
  ATRB4T_LABORTOTAL,
  LABOR_SC,
  ATRBT_LABOR_SC,
  RWMT_MEINVENTORY,
```

```
  ATRBT_RWMT_MEINVENTORY,
  RWMT_MEINVENTORYVALUE,
  ATRBT_RWMT_MEINVENTORYVALUE,
  BIZCONDITION,
  UNITPRICE,
  REMARKS,
  NULL,            --ESTIMATEDMARK
  USERID,
  RECDATE
from surveydata
where year = 1999
   and month = 1;
```

(8) Setting process of Establishment Master

In addition, SurveyScope, ContinuousRespondent, and EstimationCode should be sent to EstablishmentMaster.

1) Survey Scope：Establishments which belong to Survey Scope **1** should be set as "1" in Establishment Master.
2) Continuous Respondent：Establishment which are continuously responding questionnaire and these data used as calculation of index should set "1" in Continuous Respondent for Establishment Master.
3) Estimation Code：Calculation method should be indicated by each establishment. Relationships between the value being here and the method are shown in below.

Estimation Code	Estimation Method
1	Copy from the previous month
2	Apply growth rate of the same industry from the previous month
3	Copy from the previous year
Others	Cannot be estimated

(9) Setting process of Seasonal Adjustment Master

It is required to create this master in case seasonal adjustment index are to be used. (However, this system creates output from only the index-calculation data of the original series.)

Example)

1) To create aggregated each digit of ISIC from Commodity Master

```
exec Weight. Create Weight View
```

2) Copy the key from the data created above, and create Seasonal Adjustment Master of January 1999 by setting Seasonal Adjustment " 1 " in all items.

```
insert into SeasonalAdjustmentMaster
select
AGGREGATIONRANGE,
ISIC,
ITEMTYPE,
COMMODITYCODE,    --INDEXCOMMODITYCODE
1999,                    --YEAR
1,                       --MONTH
SURVEYSCOPE,
VERSION,
1,                       --INDEXPR1
1,                       --INDEXSP2
1,                       --INDEXIV3
1,                       --INDEXIR4
1,                       --INDEXCU5
1,                       --INDEXLP6
1,                       --INDEXLI7
1                        --INDEXRI8
from weightaggregation ;
commit;
```

4. Customizations of the System

4.1 Possible Customization Only Prior to the Initiation of Survey (upon the time of revision required)

4.1.1 Changing establishments to be Surveyed

Please refer to 3.(8)

4.1.2 Setting of Weight Master

Please refer to 3.(4)

4.1.3 Sorting Commodity Items Displayed in Input Screen

It might happen to that changing layout of the input screen will be necessary in the coming future because of the layout change of the questionnaire. To meet with this requirement the entire system has a function to change the commodity layout in input screen.

Sorting order of the commodity items in the input screen is decided depending on the value of Sort No of the Commodity Master. Therfore, the users are able to customize sorting order of the commodity using this function.

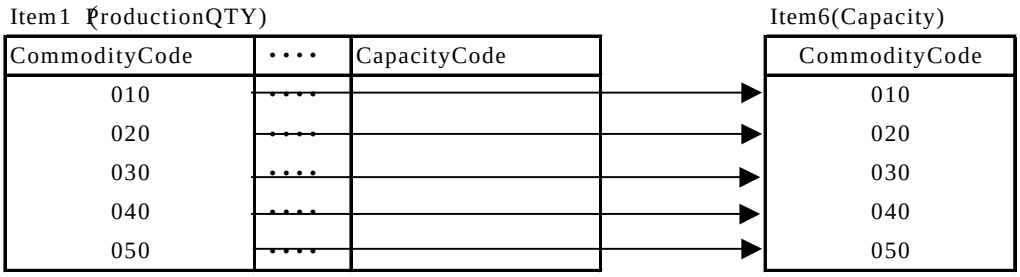
4.1.4 Changing Items Adapted for Making Index

Please refer to 3.(5)

4.1.5 Changing of Relation Settings, Production and Capacity

Information related to Production Qty and Capacity are already mentioned in the explanation portion of Commodity Master “Capacity Code”. Here, detailed setting procedure of Capacity Code setting are described.

1) The relationship between ProductionQty and Capacity are 1 to 1.



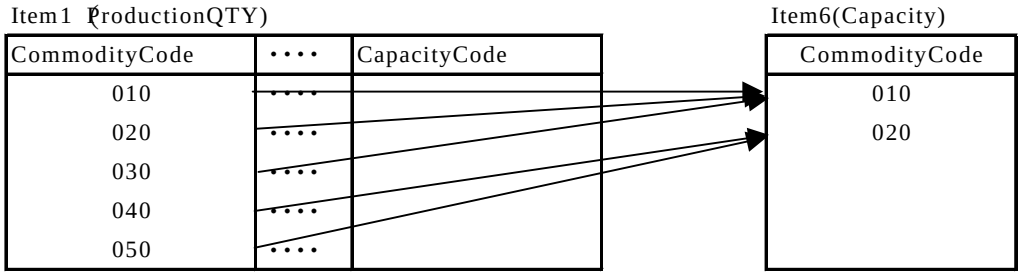
Setting of capacity code in case the relationship is above showing is explained in the followings by showing specific process example;

Item1 (ProductionQTY)

CommodityCode	····	CapacityCode
010	····	**010**
020	····	**020**
030	····	**030**
040	····	**040**
050	····	**050**

* CapacityCode can be set only in Item 1.
* Codes can be set in CapacityCode is Item 1 code which belongs to Item 6 Code.

2) Case relationship between Production QTY and Capacity was N to **1**,



If the relationship of all these codes were as indicated above, each capacity of items 010, 020, and 030 cannot be responded individually, however, capacity could be input as item 010 in Item 6. In this case, capacity code should be set as shown below;

Item1 (ProductionQTY)

CommodityCode	····	CapacityCode
010	····	**010**
020	····	**010**
030	····	**010**
040	····	**020**
050	····	**020**

4.2 Customization Before Initiation of Monthly Processing by items level

4.2.1 Adding to the establishment to be surveyed

To initiate Survey Scope 2, sorting master files of January 2000 is shown below as an example by setting premier conditions indicated in the box below (No attention is necessary for setting of master files after January, 2000.

Survey Scope 1: Base Year and Month January, 1999. Survey already initiated. Survey Scope 2: Base Year and Month January, 2000. Survey will be initiated on beyond.

1) Setting process of WeightMaster

As shown in 3.(4), ask the personnel who is in charge of preparing weight for Survey Scope 2. The edit it using Excel by matching layout of Weight Master.

ISIC	Item Type	Commodity Code	Survey Scope	Version	Weight PR	Weight SP	Weight IV
151210	1	010	2	1	925.3964694	936.5441728	2083.94085
151210	1	020	2	1	165.8729968	154.2666045	153.3407891
155310	1	010	2	1	349.9059174	345.5532911	77.44158672

* Set " 2 " in Survey Scope
* Commodity items for weight used in Survey Scope 1 should be the same as SurveyScope 2.

2) Re-setting process of commodities adopted as index creation

Number of commodities for the index-calculation will increase along with adding in Survey Scope. Therefore, re-setting of commodities for the index-calculation also should be set. Please refer the process described in 3.(5).

3) Setting process of UnitPrice

Set UnitPrice prior to create base file of SurveyScope 2.

Example)

```
exec AutoEst.p_UnitPriceUpd(2000,1);
commit;
```

4) Creation of BasePeriodFile in SurveyScope **2**

The following SQL command will copy the data of Survey Data in January 2000 to Base Period File.

Example)

```
insert into Base Period File
select
  ISIC,
  YEAR,
  MONTH,
  REGISTRATIONNO,
  ITEMTYPE,
  COMMODITYCODE,
  '2',          --SURVEYSCOPE
  '1',          --VERSION
  BM_INVENTORY,
  ATRBT_BM_INVENTORY,
  PRODUCTIONQTY,
  ATRBT_PRODUCTIONQTY,
  RECEIPTS,
  ATRBT_RECEIPTS,
  DOMESTICSALES,
  ATRBT_DOMESTICSALES,
  EXPORT,
  ATRBT_EXPORT,
  OTHERSALES,
  ATRBT_OTHERSALES,
  ME_INVENTORY,
  ATRBT_ME_INVENTORY,
  CAPACITY,
  ATRBT_CAPACITY,
  SHIPMENTVALUE,
```

```
  ATRBT_SHIPMENTVALUE,
  SALESPLAN,
  ATRBT_SALESPLAN,
  LABORTOTAL,
  ATRBT_LABORTOTAL,
  LABOR_SC,
  ATRBT_LABOR_SC,
  RWMT_MEINVENTORY,
  ATRBT_RWMT_MEINVENTORY,
  RWMT_MEINVENTORYVALUE,
  ATRBT_RWMT_MEINVENTORYVALUE,
  BIZCONDITION,
  UNITPRICE,
  REMARKS,
  NULL,              --ESTIMATEDMARK
  USERID,
  RECDATE
from surveydata
where year = 2000
   and month = 1;
commit;
```

5) Creation process of LinkMaster

Example）

The example shown below will generate Link Master as of January, 2000 Survey Scope **2** from Commodity Master.

```
insert into linkmaster
select
ISIC,
ITEMTYPE,
COMMODITYCODE,
2000,--YEAR
1,     --Month
'2', --SURVEYSCOPE
```

```
'1', --VERSION
1,     --PRODUCTIONQTY
1,     --SHIPMENTQTY
1,     --ME_INVENTORY
1,     --CAPACITY
1,     --SHIPMENTVALUE
1,     --WORKER
1,     --WORKINGHOUR
1,     --WORKINGDAY
1       --RWMT_MEINVENTORY
from commoditymaster
where itemtype in ('1','3','4','6');
commit;
```

6) Creation process of DeflatorMaster

Example）

Following example shows creation of Deflator Master of Survey Scope 2 as of January 2000 from Link Master.

```
insert into deflatormaster
select
ISIC,
ITEMTYPE,
COMMODITYCODE,
YEAR,
MONTH,
SURVEYSCOPE,
VERSION,
PRODUCTIONQTY,
SHIPMENTQTY,
ME_INVENTORY,
CAPACITY,
RWMT_MEINVENTORY
from Link Master
where Survey Scope = '2';
```

7) Creation process of Seasonal Adjustment Master

Need to set only seasonal adjustment index are necessary.

Example）

Create settings of all the aggregated levels on each ISIC from Commodity Master.

```
exec Weight. Create Weight View;
```

As a premier condition, a key is copied from the data created above, then set seasonal adjustment index as “1”, then create Seasonal Adjustment Master of Survey Scope 2 of January, 2000.

```
insert into SeasonalAdjustmentMaster
select
AGGREGATIONRANGE,
ISIC,
ITEMTYPE,
COMMODITYCODE,    --INDEXCOMMODITYCODE
2000,                    --YEAR
1,                       --MONTH
SURVEYSCOPE,
VERSION,
1,                       --INDEXPR1
1,                       --INDEXSP2
1,                       --INDEXIV3
1,                       --INDEXIR4
1,                       --INDEXCU5
1,                       --INDEXLP6
1,                       --INDEXLI7
1                        --INDEXRI8
from weightaggregation
where SurveyScope = '2';
commit;
```

8) Setting of EstablishmentMaster

Setting of continuously responded establishment in SurveyScope **2**.

4.2.2 Revision of LinkMaster

As shown in the table below, adequate Item Type and link coefficient which applicable to column should be edited using Access and SQL.

Items to be adopted	ItemType of LinkMaster to be set	Column of LinkMaster to be set
ProductionQTY	1	ProductionQTY
DomesticSales + Export	1	ShipmentQTY
ME_Inventory	1	ME_Inventory
Capacity	6	Capacity
ShipmentValue(Total)	1	ShipmentValue
Number of workers	3	worker
Average working hours	3	hour
Average working days	3	day
RwMt_MEInventory	4	RwMt_MEInventory

4.2.3 Revision of DeflatorMaster

As shown in the table below, adequate Item Type and deflator which applicable to column should be edited using Access and SQL.

Items to be adopted	ItemType of DeflatorMaster to be set	Column of DeflatorMatser to be set
ProductionQTY	1	ProductionQTY
DomesticSales + Export	1	ShipmentQTY
ME_Inventory	1	ME_Inventory
Capacity	6	Capacity
RwMt_MEInventory	4	RwMt_MEInventory

4.2.4 Revision of SeasonalAdjustment

Differentiating from Link Master and Deflator Master, Seasonal Adjustment Master can be applicable to the index but to the absolute figures. As shown data structure in the table, the values for Seasonal Adjustment should be set to all level and all kinds of index.

4.2.5 Changing of Estimation Method

Refer to 3.(8).

5. SQL Samples

5.1 SQL Samples for Confirmation of items level of index calculation

5.1.1 Production Index

Calculation process of Production Index on ISIC151210,Commodity 010 as of February, 1999 (Base year set as January, 1999)

Example)

```
/* Get Base Value */
select sum(BP.ProductionQTY)
from BasePeriodFile BP, EstablishmentMaster EM
where BP.ISIC = '151210'            --ISIC /change here if necessary/
and     BP.Year = 1999                --Year /change here if necessary/
and     BP.Month = 1                  --Month /change here if necessary/
and     BP.SurveyScope = 1            --SurveyScope /change here if necessary/
and     BP.Version = '1'
and     BP.ItemType = '1'
and     BP.CommodityCode = '010' --Commodity /change here if necessary/
and     BP.ISIC = EM.ISIC
and     BP.RegistrationNo = EM.RegistrationNo
and     EM.SurveyScope <= 1         --SurveyScope /change here if necessary/
and     EM.ContinuousRespondent = '1';

/* Get This Month Value */
select sum(PR.ProductionQTY)
from PastRecord PR, EstablishmentMaster EM
where PR.ISIC = '151210' --ISIC
and     PR.Year = 1999          --Year
and     PR.Month = 2            --Month
and     PR.Pre_Rev_Mark = '2' --Preliminaly:1 Revised:2
and     PR.ItemType = '1'
and     PR.CommodityCode = '010' --CommodityCode
and     PR.ISIC = EM.ISIC
```

```
and     PR.RegistrationNo = EM.RegistrationNo
and     EM.SurveyScope <= 1 --SurveyScope
and     EM.ContinuousRespondent = '1' ;

/* Get Link Coefficient */
select ProductionQTY
from    LinkMaster
where   ISIC = '151210'          --ISIC
   and  ItemType = '1'
   and  CommodityCode = '010' --CommodityCode
   and  SurveyScope = 1          --SurveyScope
   and  Year = 1999               --Year
   and  Month = 2                 --Month
   and  Version = '1';

/* Get Deflator Coefficient */
select ProductionQTY
from    DeflatorMaster
where   ISIC = '151210'          --ISIC
   and  ItemType = '1'
   and  CommodityCode = '010' --CommodityCode
   and  SurveyScope = 1          --SurveyScope
   and  Year = 1999               --Year
   and  Month = 2                 --Month
   and  Version = '1';
```

5.1.2 Shipment Index

Example)

Calculation process of Shipment Index on ISIC151210, Commodity 010 as of February, 1999 (Base year set as January, 1999)

```
/* Get Base Value */
select sum(BP.DomesticSales + BP.Export)
from BasePeriodFile BP, EstablishmentMaster EM
where BP.ISIC = '151210'          --ISIC /change here if necessary/
```

```
and     BP.Year = 1999                --Year /change here if necessary/
and     BP.Month = 1                  --Month /change here if necessary/
and     BP.SurveyScope = 1            --SurveyScope /change here if necessary/
and     BP.Version = '1'
and     BP.ItemType = '1'
and     BP.CommodityCode = '010' --Commodity /change here if necessary/
and     BP.ISIC = EM.ISIC
and     BP.RegistrationNo = EM.RegistrationNo
and     EM.SurveyScope <= 1           --SurveyScope /change here if necessary/
and     EM.ContinuousRespondent = '1';

/* Get This Month Value */
select sum(PR.DomesticSales + PR.Export)
from PastRecord PR, EstablishmentMaster EM
where PR.ISIC = '151210' --ISIC
and     PR.Year = 1999          --Year
and     PR.Month = 2            --Month
and     PR.Pre_Rev_Mark = '2' --Preliminaly:1 Revised:2
and     PR.ItemType = '1'
and     PR.CommodityCode = '010' --CommodityCode
and     PR.ISIC = EM.ISIC
and     PR.RegistrationNo = EM.RegistrationNo
and     EM.SurveyScope <= 1 --SurveyScope
and     EM.ContinuousRespondent = '1' ;

/* Get Link Coefficient */
select ShipmentQTY
from    LinkMaster
where   ISIC = '151210'           --ISIC
   and  ItemType = '1'
   and  CommodityCode = '010' --CommodityCode
   and  SurveyScope = 1           --SurveyScope
   and  Year = 1999               --Year
   and  Month = 2                 --Month
   and  Version = '1';
```

```
/* Get Deflator Coefficient */
select ShipmentQTY
from     DeflatorMaster
where    ISIC = '151210'            --ISIC
   and   ItemType = '1'
   and   CommodityCode = '010' --CommodityCode
   and   SurveyScope = 1           --SurveyScope
   and   Year = 1999                --Year
   and   Month = 2                   --Month
   and   Version = '1';
```

5.1.3 Inventory Index

Caluculation process of Inventory Index on ISIC151210, Commodity 010 as of February, 1999 (Base year set as January, 1999)

```
/* Get Base Value */
select sum(BP.ME_Inventory)
from BasePeriodFile BP, EstablishmentMaster EM
where BP.ISIC = '151210'            --ISIC /change here if necessary/
and     BP.Year = 1999                --Year /change here if necessary/
and     BP.Month = 1                   --Month /change here if necessary/
and     BP.SurveyScope = 1           --SurveyScope /change here if necessary/
and     BP.Version = '1'
and     BP.ItemType = '1'
and     BP.CommodityCode = '010' --Commodity /change here if necessary/
and     BP.ISIC = EM.ISIC
and     BP.RegistrationNo = EM.RegistrationNo
and     EM.SurveyScope <= 1        --SurveyScope /change here if necessary/
and     EM.ContinuousRespondent = '1';

/* Get This Month Value */
select sum(PR.ME_Inventory)
from PastRecord PR, EstablishmentMaster EM
where PR.ISIC = '151210' --ISIC
and     PR.Year = 1999         --Year
and     PR.Month = 2            --Month
```

```
and     PR.Pre_Rev_Mark = '2' --Preliminaly:1 Revised:2
and     PR.ItemType = '1'
and     PR.CommodityCode = '010' --CommodityCode
and     PR.ISIC = EM.ISIC
and     PR.RegistrationNo = EM.RegistrationNo
and     EM.SurveyScope <= 1 --SurveyScope
and     EM.ContinuousRespondent = '1' ;

/* Get Link Coefficient */
select ME_Inventory
from    LinkMaster
where   ISIC = '151210'          --ISIC
   and  ItemType = '1'
   and  CommodityCode = '010' --CommodityCode
   and  SurveyScope = 1          --SurveyScope
   and  Year = 1999               --Year
   and  Month = 2                 --Month
   and  Version = '1';

/* Get Deflator Coefficient */
select ME_Inventory
from    DeflatorMaster
where   ISIC = '151210'          --ISIC
   and  ItemType = '1'
   and  CommodityCode = '010' --CommodityCode
   and  SurveyScope = 1          --SurveyScope
   and  Year = 1999               --Year
   and  Month = 2                 --Month
   and  Version = '1';
```

5.1.4 Inventory Ratio Index

Caluculation process of Inventory Ratio Index on ISIC151210, Commodity 010 as of February, 1999 (Base year set as January, 1999)

```
/* Get Base Value */
select
```

```
sum(BP.DomesticSales) + sum(BP.Export),
sum(BP.ME_Inventory)
from BasePeriodFile BP, EstablishmentMaster EM
where BP.ISIC = '151210'            --ISIC /change here if necessary/
and     BP.Year = 1999                --Year /change here if necessary/
and     BP.Month = 1                  --Month /change here if necessary/
and     BP.SurveyScope = 1            --SurveyScope /change here if necessary/
and     BP.Version = '1'
and     BP.ItemType = '1'
and     BP.CommodityCode = '010' --Commodity /change here if necessary/
and     BP.ISIC = EM.ISIC
and     BP.RegistrationNo = EM.RegistrationNo
and     EM.SurveyScope <= 1         --SurveyScope /change here if necessary/
and     EM.ContinuousRespondent = '1';

/* Get This Month Value */
select
sum(PR.DomesticSales) + sum(PR.Export),
sum(PR.ME_Inventory)
from PastRecord PR, EstablishmentMaster EM
where PR.ISIC = '151210' --ISIC
and     PR.Year = 1999          --Year
and     PR.Month = 2            --Month
and     PR.Pre_Rev_Mark = '2' --Preliminaly:1 Revised:2
and     PR.ItemType = '1'
and     PR.CommodityCode = '010' --CommodityCode
and     PR.ISIC = EM.ISIC
and     PR.RegistrationNo = EM.RegistrationNo
and     EM.SurveyScope <= 1 --SurveyScope
and     EM.ContinuousRespondent = '1' ;

/* Get Link Coefficient */
select ShipmentQTY , ME_Inventory
from     LinkMaster
where    ISIC = '151210'            --ISIC
   and    ItemType = '1'
```

```
    and    CommodityCode = '010' --CommodityCode
    and    SurveyScope = 1            --SurveyScope
    and    Year = 1999                 --Year
    and    Month = 2                    --Month
    and    Version = '1';

/* Get Deflator Coefficient */
select ShipmentQTY , ME_Inventory
from     DeflatorMaster
where    ISIC = '151210'            --ISIC
    and    ItemType = '1'
    and    CommodityCode = '010' --CommodityCode
    and    SurveyScope = 1            --SurveyScope
    and    Year = 1999                 --Year
    and    Month = 2                    --Month
    and    Version = '1';
```

5.1.5 Capacity Utilization Index

Calculation process of Capacity Utilization Index on ISIC151210, Commodity 010 as of February, 1999 (Base year set as January, 1999)

```
/* Get Base Value */
-- capacity from ItemType 6 --
select
sum(BP.Capacity)
from BasePeriodFile BP, EstablishmentMaster EM
where BP.ISIC = '151210'            --ISIC
and     BP.Year = 1999                 --BaseY
and     BP.Month = 1                    --BaseM
and     BP.SurveyScope = 1            --SurveyScope
and     BP.Version = '1'
and     BP.ItemType = '6'
and     BP.CommodityCode = '010' --CommodityCode of Item 6
and     BP.ISIC = EM.ISIC
and     BP.RegistrationNo = EM.RegistrationNo
and     EM.SurveyScope <= 1          --SurveyScope
```

```
    and     EM.ContinuousRespondent = '1' ;

    -- production from ItemType 1 --
    select
    sum(BP.ProductionQTY)
    from BasePeriodFile BP, EstablishmentMaster EM
    where BP.ISIC = '151210'    --ISIC
    and     BP.Year = 1999          --BaseY
    and     BP.Month = 1             --BaseM
    and     BP.SurveyScope = 1    --SurveyScope
    and     BP.Version = '1'
    and     BP.ItemType = '1'
    and     BP.CommodityCode    IN
            (
              select CommodityCode
              from CommodityMaster
              where ISIC = '151210'          --ISIC
              and     ItemType = '1'
              and     CapacityCode = '010' --CommodityCode of Item 6
            )
    and     BP.ISIC = EM.ISIC
    and     BP.RegistrationNo = EM.RegistrationNo
    and     EM.SurveyScope <= 1 --SurveyScope
    and     EM.ContinuousRespondent = '1' ;

    /* Get This Month Value */
    -- capacity from ItemType 6 --
    select
    sum(PR.Capacity * LM.Capacity / DM.Capacity)
    from PastRecord PR, EstablishmentMaster EM, LinkMaster LM, DeflatorMaster
DM
    where PR.ISIC = '151210'            --ISIC
    and     PR.Year = 1999                 --Year
    and     PR.Month = 2                    --Month
    and     PR.Pre_Rev_Mark = '2'       --PreRev
    and     PR.ItemType = '6'
```

```
    and     PR.CommodityCode = '010' --CommodityCode of Item 6
    and     PR.ISIC = EM.ISIC
    and     PR.RegistrationNo = EM.RegistrationNo
    and     EM.SurveyScope <= 1          --SurveyScope
    and     EM.ContinuousRespondent = '1'
    and     LM.ISIC = PR.ISIC
    and     LM.ItemType = PR.ItemType
    and     LM.CommodityCode = PR.CommodityCode
    and     LM.Year = PR.Year
    and     LM.Month = PR.Month
    and     LM.SurveyScope = 1           --SurveyScope
    and     LM.Version = '1'
    and     DM.ISIC    = LM.ISIC
    and     DM.ItemType          = LM.ItemType
    and     DM.CommodityCode = LM.CommodityCode
    and     DM.Year    = LM.Year
    and     DM.Month = LM.Month
    and     DM.SurveyScope     = LM.SurveyScope
    and     DM.Version           = LM.Version;

    -- production from ItemType 1 --
    select
    sum(PR.ProductionQTY * LM.ProductionQTY / DM.ProductionQTY)
    from PastRecord PR, EstablishmentMaster EM, LinkMaster LM, DeflatorMaster
DM
    where PR.ISIC = '151210'       --ISIC
    and     PR.Year = 1999           --Year
    and     PR.Month = 2              --Month
    and     PR.Pre_Rev_Mark = '2' --PreRev
    and     PR.ItemType = '1'
    and     PR.CommodityCode    IN
            (
              select CommodityCode
              from CommodityMaster
              where ISIC = '010'           --ISIC
              and     ItemType = '1'
```

```
            and     CapacityCode = '010' --Commodity of Item 6
          )
and     PR.ISIC = EM.ISIC
and     PR.RegistrationNo = EM.RegistrationNo
and     EM.SurveyScope <= 1     --SurveyScope
and     EM.ContinuousRespondent = '1'
and     LM.ISIC = PR.ISIC
and     LM.ItemType = PR.ItemType
and     LM.CommodityCode = PR.CommodityCode
and     LM.Year = PR.Year
and     LM.Month = PR.Month
and     LM.SurveyScope = 1      --SurveyScope
and     LM.Version = '1'
and     DM.ISIC    = LM.ISIC
and     DM.ItemType          = LM.ItemType
and     DM.CommodityCode = LM.CommodityCode
and     DM.Year    = LM.Year
and     DM.Month = LM.Month
and     DM.SurveyScope     = LM.SurveyScope
and     DM.Version           = LM.Version;
```

5.1.6 Labor Productivity Index

Calculation process of Labor Productivity Index on ISIC151210, Commodity 010 as of February, 1999 (Base year set as January, 1999)

```
/* Get Base Value */
-- 1. Production Value
select
      sum(BP.ProductionQTY * BP.UnitPrice)
from BasePeriodFile BP, EstablishmentMaster EM , CommodityMaster CM
where BP.ISIC = '151210'    --ISIC
and     BP.Year = 1999          --BaseY
and     BP.Month = 1             --BaseM
and     BP.SurveyScope = 1    --SurveyScope
and     BP.Version = '1'
and     BP.ItemType = '1'
```

```
and     BP.ISIC = EM.ISIC
and     BP.RegistrationNo = EM.RegistrationNo
and     EM.SurveyScope <= 1 --SurveyScope
and     EM.ContinuousRespondent = '1'
and     CM.ISIC = BP.ISIC
and     CM.ItemType = BP.ItemType
and     CM.CommodityCode = BP.CommodityCode
and     CM.IndexScopeLP6 = '1'
group by BP.ISIC    ;

-- 2. Labor Input
select /*+ all_rows*/
   SUM(BP1.Labor_SC * BP2.LaborTotal * BP3.LaborTotal)
from BasePeriodFile BP1, BasePeriodFile BP2,BasePeriodFile BP3 ,
        EstablishmentMaster EM
where BP1.ISIC = '151210'     --ISIC
and     BP1.Year = 1999            --BaseY
and     BP1.Month = 1               --BaseM
and     BP1.ItemType = '3'
and     BP1.CommodityCode = '010'
and     BP1.SurveyScope = 1     --SurveyScope
and     BP1.Version = '1'
--
and     BP2.ISIC = BP1.ISIC
and     BP2.Year = BP1.Year
and     BP2.Month = BP1.Month
and     BP2.RegistrationNo = BP1.RegistrationNo
and     BP2.ItemType = BP1.ItemType
and     BP2.CommodityCode = '020'
and     BP2.SurveyScope = 1       --SurveyScope
and     BP2.Version = BP1.Version
--
and     BP3.ISIC = BP1.ISIC
and     BP3.Year = BP1.Year
and     BP3.Month = BP1.Month
and     BP3.RegistrationNo = BP1.RegistrationNo
```

```
    and     BP3.ItemType = BP1.ItemType
    and     BP3.CommodityCode = '030'
    and     BP3.SurveyScope = 1       --SurveyScope
    and     BP3.Version = BP1.Version
    --
    and     EM.ISIC = BP1.ISIC
    and     EM.RegistrationNo = BP1.RegistrationNo
    and     EM.SurveyScope <= 1       --SurveyScope
    and     EM.ContinuousRespondent = '1' ;



    /* Get This Month Value */
    -- 1. Production Value
    select /*+ all_rows*/
      SUM((PR.ProductionQTY   *   LM.ProductionQTY   /   DM.ProductionQTY)   *
BP.UnitPrice)
    from PastRecord PR, EstablishmentMaster EM , BasePeriodFile BP ,
           CommodityMaster CM, LinkMaster LM, DeflatorMaster DM
    where PR.ISIC = '151210'         --ISIC
    and     PR.Year = 1999              --Year
    and     PR.Month = 1                 --Month
    and     PR.Pre_Rev_Mark = '2'    --PreRev
    and     PR.ItemType = '1'
    --
    and     BP.ISIC = PR.ISIC
    and     BP.Year = 1999              --BaseY
    and     BP.Month = 1                 --BaseM
    and     BP.RegistrationNo = PR.RegistrationNo
    and     BP.ItemType = PR.ItemType
    and     BP.CommodityCode = PR.CommodityCode
    and     BP.SurveyScope = 1         --SurveyScope
    and     BP.Version = '1'
    --
    and     EM.ISIC = PR.ISIC
    and     EM.RegistrationNo = PR.RegistrationNo
    and     EM.SurveyScope <= 1       --SurveyScope
```

```
and     EM.ContinuousRespondent = '1'
--
and     CM.ISIC = PR.ISIC
and     CM.ItemType = PR.ItemType
and     CM.CommodityCode = PR.CommodityCode
and     CM.IndexScopeLP6 = '1'
--
and     LM.ISIC = PR.ISIC
and     LM.ItemType = PR.ItemType
and     LM.CommodityCode = PR.CommodityCode
and     LM.Year    = PR.Year
and     LM.Month = PR.Month
and     LM.SurveyScope = 1       --SurveyScope
and     LM.Version = '1'
--
and     DM.ISIC    = LM.ISIC
and     DM.ItemType          = LM.ItemType
and     DM.CommodityCode = LM.CommodityCode
and     DM.Year    = LM.Year
and     DM.Month = LM.Month
and     DM.SurveyScope     = LM.SurveyScope
and     DM.Version           = LM.Version
group by PR.ISIC ;

-- 2. Labor Input
select /*+ all_rows*/
   SUM( (PR1.Labor_SC * LM1.Worker)
            * (PR2.LaborTotal * LM2.WorkingHour)
   * (PR3.LaborTotal * LM3.WorkingDay) )
from PastRecord PR1, PastRecord PR2,PastRecord PR3 ,
        LinkMaster LM1,LinkMaster LM2,LinkMaster LM3 ,
        EstablishmentMaster EM
where PR1.ISIC = '151210'       --ISIC
and     PR1.Year = 1999            --Year
and     PR1.Month = 2               --Month
and     PR1.ItemType = '3'
```

```
and     PR1.CommodityCode = '010'
and     PR1.Pre_Rev_Mark = '2' --PreRev
--
and     PR2.ISIC = PR1.ISIC
and     PR2.Year = PR1.Year
and     PR2.Month = PR1.Month
and     PR2.RegistrationNo = PR1.RegistrationNo
and     PR2.ItemType = PR1.ItemType
and     PR2.CommodityCode = '020'
and     PR2.Pre_Rev_Mark = PR1.Pre_Rev_Mark
--
and     PR3.ISIC = PR1.ISIC
and     PR3.Year = PR1.Year
and     PR3.Month = PR1.Month
and     PR3.RegistrationNo = PR1.RegistrationNo
and     PR3.ItemType = PR1.ItemType
and     PR3.CommodityCode = '030'
and     PR3.Pre_Rev_Mark = PR1.Pre_Rev_Mark
--
and     LM1.ISIC = PR1.ISIC
and     LM1.ItemType = PR1.ItemType
and     LM1.CommodityCode = PR1.CommodityCode
and     LM1.Year = PR1.Year
and     LM1.Month = PR1.Month
and     LM1.SurveyScope = '1' --SurveyScope
and     LM1.Version = '1'
--
and     LM2.ISIC = PR2.ISIC
and     LM2.ItemType = PR2.ItemType
and     LM2.CommodityCode = PR2.CommodityCode
and     LM2.Year = PR2.Year
and     LM2.Month = PR2.Month
and     LM2.SurveyScope = '1' --SurveyScope
and     LM2.Version = '1'
--
and     LM3.ISIC = PR3.ISIC
```

```
and     LM3.ItemType = PR3.ItemType
and     LM3.CommodityCode = PR3.CommodityCode
and     LM3.Year = PR3.Year
and     LM3.Month = PR3.Month
and     LM3.SurveyScope = '1' --SurveyScope
and     LM3.Version = '1'
--
and     EM.ISIC = PR1.ISIC
and     EM.RegistrationNo = PR1.RegistrationNo
and     EM.SurveyScope <= '1' --SurveyScope
and     EM.ContinuousRespondent = '1' ;
```

5.2 SQL Samples for Execution of Monthly Processing from SQL/Plus Console

Example)

Following Example shows confirmation processing as of May, 1999.

```
begin AutoEst.main(1999,5,'2');commit;end;
/
begin MonthProc.p_PastRecMk('2',1999,5);commit; end;
/
begin CalcIndex.Main(1999,5,'2'); commit; end;
/
begin GRCal.p_GRIndices(1999,5,'2'); commit; end;
/
begin GRCal.p_GREleComm(1999,5,'2'); commit; end;
/
begin GRCal.p_GREleIndustry(1999,5,'2'); commit; end;
/
MonthProc.p_BatchCtlUpd('2',1999,5);
```

5.3 SQL Samples for Execution of Yearly Processing from SQL/Plus Console

Example)

Following Example shows yearly processing as of May, 1999.

```
truncate table pastrecord;
/
begin Weight.CreateWeightView; end;
/
-- 1
begin AutoEst.p_UnitPriceUpd(1999,1); commit; end;
/
begin MonthProc.p_PastRecMk('2',1999,1);commit; end;
/
begin CalcIndex.Main(1999,1,'2'); commit; end;
/
begin GRCal.p_GRIndices(1999,1,'2'); commit; end;
/
begin GRCal.p_GREleComm(1999,1,'2'); commit; end;
/
begin GRCal.p_GREleIndustry(1999,1,'2'); commit; end;
/
begin YearProc.p_BatchCtlUpd(1999,1); commit; end;
/
-- 2
begin AutoEst.p_UnitPriceUpd(1999,2); commit; end;
/
begin MonthProc.p_PastRecMk('2',1999,2);commit; end;
/
begin CalcIndex.Main(1999,2,'2'); commit; end;
/
begin GRCal.p_GRIndices(1999,2,'2'); commit; end;
/
begin GRCal.p_GREleComm(1999,2,'2'); commit; end;
/
```

```
begin GRCal.p_GREleIndustry(1999,2,'2'); commit; end;
/
begin YearProc.p_BatchCtlUpd(1999,2); commit; end;
/
-- 3
begin AutoEst.p_UnitPriceUpd(1999,3); commit; end;
/
begin MonthProc.p_PastRecMk('2',1999,3);commit; end;
/
begin CalcIndex.Main(1999,3,'2'); commit; end;
/
begin GRCal.p_GRIndices(1999,3,'2'); commit; end;
/
begin GRCal.p_GREleComm(1999,3,'2'); commit; end;
/
begin GRCal.p_GREleIndustry(1999,3,'2'); commit; end;
/
begin YearProc.p_BatchCtlUpd(1999,3); commit; end;
/
-- 4
begin AutoEst.p_UnitPriceUpd(1999,4); commit; end;
/
begin MonthProc.p_PastRecMk('2',1999,4);commit; end;
/
begin CalcIndex.Main(1999,4,'2'); commit; end;
/
begin GRCal.p_GRIndices(1999,4,'2'); commit; end;
/
begin GRCal.p_GREleComm(1999,4,'2'); commit; end;
/
begin GRCal.p_GREleIndustry(1999,4,'2'); commit; end;
/
begin YearProc.p_BatchCtlUpd(1999,4); commit; end;
-- 5
begin AutoEst.p_UnitPriceUpd(1999,5); commit; end;
/
```

```
begin MonthProc.p_PastRecMk('2',1999,5);commit; end;
/
begin CalcIndex.Main(1999,5,'2'); commit; end;
/
begin GRCal.p_GRIndices(1999,5,'2'); commit; end;
/
begin GRCal.p_GREleComm(1999,5,'2'); commit; end;
/
begin GRCal.p_GREleIndustry(1999,5,'2'); commit; end;
/
begin YearProc.p_BatchCtlUpd(1999,5); commit; end;
/
-- 6
begin AutoEst.p_UnitPriceUpd(1999,6); commit; end;
/
begin MonthProc.p_PastRecMk('2',1999,6);commit; end;
/
begin CalcIndex.Main(1999,6,'2'); commit; end;
/
begin GRCal.p_GRIndices(1999,6,'2'); commit; end;
/
begin GRCal.p_GREleComm(1999,6,'2'); commit; end;
/
begin GRCal.p_GREleIndustry(1999,6,'2'); commit; end;
/
begin YearProc.p_BatchCtlUpd(1999,6); commit; end;
/
-- 7
begin AutoEst.p_UnitPriceUpd(1999,7); commit; end;
/
begin MonthProc.p_PastRecMk('2',1999,7);commit; end;
/
begin CalcIndex.Main(1999,7,'2'); commit; end;
/
begin GRCal.p_GRIndices(1999,7,'2'); commit; end;
/
```

```
begin GRCal.p_GREleComm(1999,7,'2'); commit; end;
/
begin GRCal.p_GREleIndustry(1999,7,'2'); commit; end;
/
begin YearProc.p_BatchCtlUpd(1999,7); commit; end;
/
-- 8
begin AutoEst.p_UnitPriceUpd(1999,8); commit; end;
/
begin MonthProc.p_PastRecMk('2',1999,8);commit; end;
/
begin CalcIndex.Main(1999,8,'2'); commit; end;
/
begin GRCal.p_GRIndices(1999,8,'2'); commit; end;
/
begin GRCal.p_GREleComm(1999,8,'2'); commit; end;
/
begin GRCal.p_GREleIndustry(1999,8,'2'); commit; end;
/
begin YearProc.p_BatchCtlUpd(1999,8); commit; end;
/
-- 9
begin AutoEst.p_UnitPriceUpd(1999,9); commit; end;
/
begin MonthProc.p_PastRecMk('2',1999,9);commit; end;
/
begin CalcIndex.Main(1999,9,'2'); commit; end;
/
begin GRCal.p_GRIndices(1999,9,'2'); commit; end;
/
begin GRCal.p_GREleComm(1999,9,'2'); commit; end;
/
begin GRCal.p_GREleIndustry(1999,9,'2'); commit; end;
/
begin YearProc.p_BatchCtlUpd(1999,9); commit; end;
/
```

```
-- 10
begin AutoEst.p_UnitPriceUpd(1999,10); commit; end;
/
begin MonthProc.p_PastRecMk('2',1999,10);commit; end;
/
begin CalcIndex.Main(1999,10,'2'); commit; end;
/
begin GRCal.p_GRIndices(1999,10,'2'); commit; end;
/
begin GRCal.p_GREleComm(1999,10,'2'); commit; end;
/
begin GRCal.p_GREleIndustry(1999,10,'2'); commit; end;
/
begin YearProc.p_BatchCtlUpd(1999,10); commit; end;
/
-- 11
begin AutoEst.p_UnitPriceUpd(1999,11); commit; end;
/
begin MonthProc.p_PastRecMk('2',1999,11);commit; end;
/
begin CalcIndex.Main(1999,11,'2'); commit; end;
/
begin GRCal.p_GRIndices(1999,11,'2'); commit; end;
/
begin GRCal.p_GREleComm(1999,11,'2'); commit; end;
/
begin GRCal.p_GREleIndustry(1999,11,'2'); commit; end;
/
begin YearProc.p_BatchCtlUpd(1999,11); commit; end;
/
-- 12
begin AutoEst.p_UnitPriceUpd(1999,12); commit; end;
/
begin MonthProc.p_PastRecMk('2',1999,12);commit; end;
/
begin CalcIndex.Main(1999,12,'2'); commit; end;
```

```
/
begin GRCal.p_GRIndices(1999,12,'2'); commit; end;
/
begin GRCal.p_GREleComm(1999,12,'2'); commit; end;
/
begin GRCal.p_GREleIndustry(1999,12,'2'); commit; end;
/
begin YearProc.p_BatchCtlUpd(1999,12); commit; end;
/
BEGIN YearProc.p_AnnualCal(1999); Commit; END;
/
```