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Input-Output Tables in Japan 1951-1985

Kimio Uno

Institute of Socio-Economic Planning

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Input-Output Tables in Japan, 1951—1985

Kimio Uno

February 1989

筑波大学 社会工学系

多目的統計データベース報告書 No.61

**STATISTICAL DATA BANK PROJECT
INSTITUTE OF SOCIO-ECONOMIC PLANNING
THE UNIVERSITY OF TSUKUBA
TSUKUBA, IBARAKI, 305 JAPAN**

I n p u t - O u t p u t T a b l e s i n J a p a n ,

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Kimio Uno

February 1989

This publication supersedes *Input-Output Tables in Japan, 1951-1980*
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The research forms a part of a Statistical Data Bank being developed at the Institute. The author is solely responsible for this issue. Quotation from and reference to the issue should receive explicit consent of the author.

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1. Industrial Classification

The analysis in this series of work is carried out based on 36 sector input-output tables which have been recompiled from the published tables. Sector classification has been determined by considering the scope of the entire research program which is in progress.

The first column lists the sector numbers which are attached to each sector for the convenience of listing alone. The second column lists the sector codes based on the Japan Standard Industrial Classification (JSIC), with some modification made to identify the alterations. As a general rule, the industrial sectors have two digit codes. Sometimes they have additional abbreviation; for example, "&" mark indicates it is the sum of several related sectors; i. e., the sector covers a wider range of industrial sectors than the original JSIC classification. Alphabetical abbreviation attached to the sector codes stands for subdivisions within a two digit sector.

Sector Modified Number JSIC Code

(1)	01&	Agriculture, forestry, and fisheries
(2)	10&	Mining
(3)	18	Food processing
(4)	20&	Textiles
(5)	22	Lumber and wood products
(6)	23	Furniture and fixtures
(7)	24	Pulp, paper, and paper products
(8)	25	Printing and publishing
(9)	29	Leather and leather products
(10)	28	Rubber products
(11)	26	Chemicals
(12)	27	Petroleum and coal products
(13)	30	Nonmetallic mineral products
(14)	31A	Iron and steel materials
(15)	31B	Basic iron and steel products

(16)	32
(17)	33
(18)	34
(19)	35
(20)	36M
(21)	36S
(22)	37
(23)	38&
(24)	15
(25)	70
(26)	40
(27)	50&
(28)	50E
(29)	60I
(30)	60C
(31)	97
(32)	75E
(33)	75M
(34)	
(35)	
(36)	

All the tables
classified
Because of
differ in

2. Source

Administrative
for 1955.

(16)	32	Basic nonferrous metal products
(17)	33	Fabricated metals
(18)	34	General machinery
(19)	35	Electrical machinery
(20)	36M	Transport equipment, motor vehicles
(21)	36S	Transport equipment, others
(22)	37	Precision instrument
(23)	38&	Other manufacturing
(24)	15	Construction
(25)	70	Electric power, gas, and water
(26)	40	Wholesale and retail trade
(27)	50&	Finance, insurance, and real estate
(28)	50R	Real estate rent
(29)	60T	Transportation
(30)	60C	Communication
(31)	97	Public administration
(32)	75P	Public services
(33)	75M	Business and personal services
(34)		Office supplies
(35)		Packing materials
(36)		Activities not elsewhere classified

All the tables included in this report follow the standardized industrial classification as listed above, except the ones for 1951 and 1955. Because of the classification employed in the original tables, they differ in not having "packing materials" and "repairs".

2. Sources of Data

Administrative Management Agency. 1960. *Interindustry Relations Table for 1955*. Basic Table with 124 Sector, Preliminary.

- . 1969. *1965 Input-Output Tables* (Showa 40nen Sangyo Renkanhyo).
- . 1974. *1970 Input-Output Tables* (Showa 45nen Sangyo Renkanhyo).
- . 1975. *1960-1965-1970 Link Input-Output Tables* (Showa 35-40-45nen Setsuzoku Sangyo Renkanhyo). Zenkoku Tokei Kyokai Rengokai.
- . 1977. *Fixed Capital Stock Matrix for 1970 Input-Output Tables* (Showa 45nen Sangyo Renkanhyo Kotei Shihon Matorikkusu).

—— . 1979. *1975 Input-Output Tables* (Showa 50nen Sangyo Renkanhyo).
Zenkoku Tokei Kyokai Rengokai.

—— . 1980. *1965-1970-1975 link Input-Output Tables* (Showa 40-45-50
nen Setsuzoku Sangyo Renkanhyo). Zenkoku Tokei Kyokai Rengokai.

(Administrative Management Agency has been reorganized as Management and
Coordination Agency in 1985.)

Management and Coordination Agency. 1985. *1970-1975-1980 Link Input-
Output Tables* (Showa 45-50-60nen Setsuzoku Sangyo Renkanhyo). Zenkoku To
kei Kyokai Rengokai.

Ministry of International Trade and Industry. 1987. *1985 Input-Output
Tables (Extension Tables)* (Showa 60nen Sangyo Renkanhyo (Enchohyo)).

3. Guide to Users

Readers are referred to Kimio Uno, *Measurement of Services in an Input-
Output Framework*, North-Holland, 1989 for detailed industrial classifi-
cation and conceptual notes as well as empirical analyses based on the
tables.

yo Renkanhyo).

nowa 40-45-50

yokai Rengokai.

management and

Link Input-

. Zenkoku To

Input-Output

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an Input-

l classifi-

based on the

Part 1. Current Price Tables, 1951 to 1985

Table 1. Interindustry transaction

1-1 Interindustry transaction, 1951

(current prices, million yen)

I 101951	I 01 AGRICULTURE ETC.	I 02 MINING	I 03 FOOD PROCESSING	I 04 TEXTILES	I 05 LUMBER AND WOOD	I 06 FURNITURE ETC.	I 07 PULP AND PAPER	I 08 PRINTING, PUBL.
I 01 AGRICULTURE, ETC.	55291	7531	249303	277814	33901	0	14773	233
I 02 MINING	4014	4332	7394	7228	299	111	7545	126
I 03 FOOD PROCESSING	37136	0	126973	3365	0	0	200	12
I 04 TEXTILES	22360	474	4129	506371	483	34	3270	452
I 05 LUMBER AND WOOD	2202	1806	3590	1179	13345	10769	1124	6
I 06 FURNITURE, FIXTURE	0	0	0	0	0	0	0	0
I 07 PULP AND PAPER	1500	0	10490	2507	100	250	34983	36540
I 08 PRINTING, PUBLIS.	0	76	65	96	0	0	2007	0
I 09 LEATHER & PROD.	0	0	157	13577	0	0	0	0
I 10 RUBBER PRODUCTS	8076	2516	648	2057	24	0	962	284
I 11 CHEMICALS	69746	4656	8436	99200	946	672	6116	3152
I 12 PETROLEUM & COAL	9900	2243	543	648	53	23	332	306
I 13 NONMETAL MINERALS	1642	511	6331	73	438	195	149	7
I 14 IRON & STEEL MAT.	0	0	0	0	0	0	0	0
I 15 IRON & STEEL PROD	166	6878	145	526	0	0	1584	43
I 16 NONFERROUS METALS	415	133	923	160	12	0	803	553
I 17 FABRICATED METALS	3065	7214	8943	115	679	68	0	35
I 18 GENERAL MACHINERY	2303	2417	11	4945	1	1	42	121
I 19 ELECTRICAL MACH.	166	1472	131	328	50	0	27	424
I 20 MOTOR VEHICLES	0	0	0	0	0	0	0	0
I 21 OTHER TRANSPORT	1420	0	0	0	0	0	0	0
I 22 PRECISION INST.	7	0	0	0	0	0	0	0
I 23 MANUFACTURING NEC	0	0	346	2054	107	0	0	0
I 24 CONSTRUCTION	14044	4661	2632	4329	158	0	1286	2492
I 25 EL, GAS, WATER	2136	3035	5757	5258	2129	189	3417	711
I 26 WHOLESALE, RETAIL	25521	2709	14902	23477	1031	1161	4472	3371
I 27 FIN, INS, ESTATE	3504	1164	2269	4632	846	196	893	242
I 28 REAL ESTATE RENT	0	0	0	0	0	0	0	0
I 29 TRANSPORTATION	7519	3995	12437	5417	6424	1337	6577	903
I 30 COMMUNICATION	169	436	346	1319	10	2	194	1751
I 31 PUBLIC ADMIN.	0	0	0	0	0	0	0	0
I 32 PUBLIC SERVICES	0	0	0	0	0	0	0	0
I 33 PRIVATE SERVICES	1100	576	5637	3970	77	22	1636	6816
I 34 OFFICE SUPPLIES	0	588	977	1634	10	2	418	0
I 35 PACKING MATERIALS	0	0	0	0	0	0	0	0
I 36 SCRAPS	345	985	166	35293	0	100	4398	0
I 37 ACTIVITIES N.E.C.	23676	20206	37547	14751	4786	0	13689	3261
I 101951S	I 01 AGRICULTURE ETC.	I 02 MINING	I 03 FOOD PROCESSING	I 04 TEXTILES	I 05 LUMBER AND WOOD	I 06 FURNITURE ETC.	I 07 PULP AND PAPER	I 08 PRINTING, PUBL.
I SUBTOTAL	299220	85771	511745	1027327	115915	15128	161702	61838

I 101951	I 09 LEATHER I & PRODUCTS	I 10 RUBBER I PRODUCTS	I 11 CHEMI- I CALS	I 12 PETROL- I EUM & COAL	I 13 NONMET- I AL MINERAL	I 14 IRON & I STEEL MAT.	I 15 IRON & I STEEL PROD	I 16 NONFER- I ROUS METAL
I 01 AGRICULTURE, ETC.	14280	29822	7992	2569	1142	930	371	63
I 02 MINING	128	1145	31850	68285	27592	34702	6865	23974
I 03 FOOD PROCESSING	0	1	32795	425	81	0	24	0
I 04 TEXTILES	0	19708	2075	58	1092	68	124	259
I 05 LUMBER AND WOOD	0	129	1085	83	2932	0	1581	126
I 06 FURNITURE, FIXTURE	0	0	0	0	0	0	0	0
I 07 PULP AND PAPER	0	274	26868	236	7531	0	169	128
I 08 PRINTING, PUBLISH.	0	0	824	45	0	3	16	57
I 09 LEATHER & PROD.	3088	0	14	0	0	0	0	0
I 10 RUBBER PRODUCTS	0	1723	2492	159	717	306	619	149
I 11 CHEMICALS	133	12268	121160	2360	5518	257	705	1461
I 12 PETROLEUM & COAL	20	541	13954	6494	1622	41559	8305	2068
I 13 NONMETAL MINERALS	38	0	4181	177	11909	9833	583	909
I 14 IRON & STEEL MAT.	0	0	277	1944	44	78434	238489	0
I 15 IRON & STEEL PROD	0	0	536	0	2669	4707	246031	343
I 16 NONFERROUS METALS	0	5	10064	360	664	888	9630	33962
I 17 FABRICATED METALS	0	0	2727	813	316	539	1394	67
I 18 GENERAL MACHINERY	0	0	151	0	7	291	3561	36
I 19 ELECTRICAL MACH.	0	10	906	2	32	562	1138	62
I 20 MOTOR VEHICLES	0	0	0	0	0	0	0	0
I 21 OTHER TRANSPORT	0	0	0	0	0	0	0	0
I 22 PRECISION INST.	0	0	0	0	0	0	0	0
I 23 MANUFACTURING NEC	0	0	0	0	0	0	0	0
I 24 CONSTRUCTION	5	68	4439	278	221	971	2009	1090
I 25 EL, GAS, WATER	34	406	11572	15511	3216	5818	3793	2314
I 26 WHOLESALE, RETAIL	495	3076	12941	1908	3484	2879	5989	2009
I 27 FIN, INS, ESTATE	0	205	2164	239	266	116	236	148
I 28 REAL ESTATE RENT	0	0	0	0	0	0	0	0
I 29 TRANSPORTATION	440	1578	9055	4823	5140	2683	5277	1831
I 30 COMMUNICATION	13	35	1577	180	194	262	526	287
I 31 PUBLIC ADMIN.	0	0	0	0	0	0	0	0
I 32 PUBLIC SERVICES	0	0	0	0	0	0	0	0
I 33 PRIVATE SERVICES	36	203	12670	24	195	1987	4107	490
I 34 OFFICE SUPPLIES	8	85	1227	97	115	440	372	37
I 35 PACKING MATERIALS	0	0	0	0	0	0	0	0
I 36 SCRAPS	0	1171	360	0	1961	93007	35500	34949
I 37 ACTIVITIES N.E.C.	261	590	25705	11210	14356	18770	23634	12646

I 101951S	I 09 LEATHER I & PRODUCTS	I 10 RUBBER I PRODUCTS	I 11 CHEMI- I CALS	I 12 PETROL- I EUM & COAL	I 13 NONMET- I AL MINERAL	I 14 IRON & I STEEL MAT.	I 15 IRON & I STEEL PROD	I 16 NONFER- I ROUS METAL
I SUBTOTAL	18962	73002	341664	118283	93009	300059	601749	119564

I 101951	I 17 FABRICA I TED METALS	I 18 GENERAL I MACHINERY	I 19 ELECTR- I CAL MACH.	I 20 MOTOR I VEHICLES	I 21 OTHER I TRANSPORT	I 22 PRECI- I SION INST.	I 23 MANUFAC I TURING NEC	I 24 CONST- I RUCTION
I 01 AGRICULTURE, ETC.	249	0	0	0	0	0	2689	11562
I 02 MINING	328	1016	1692	134	914	95	961	14201

I 36 SCRAPS	I 0 I	1171 I	360 I	0 I	1961 I	93007 I	35500 I	0 I	0 I
I 37 ACTIVITIES N.E.C.	I 261 I	590 I	25705 I	11210 I	14356 I	18770 I	23634 I	12646 I	0 I

I I01951S	I 09 LEATHER I 10 RUBBER I 11 CHEMI- I 12 PETROL- I 13 NONMET- I 14 IRON & I 15 IRON & I 16 NONFER- I	I 8 PRODUCTS I PRODUCTS I CALS I EUM & COAL I AL MINERAL I STEEL MAT. I STEEL PROD I ROUS METAL I	I	I	I	I	I	I	I
I SUBTOTAL	I 18982 I	I 73002 I	I 341664 I	I 118283 I	I 93009 I	I 300039 I	I 601749 I	I 119564 I	I

I I01951	I 17 FABRICA I 18 GENERAL I 19 ELECTR- I 20 MOTOR I 21 OTHER I 22 PRECI- I 23 MANUFAC I 24 CONST- I	I TED METALS I MACHINERY I ICAL MACH. I VEHICLES I TRANSPORT I SION INST. I TURING NEC I RUCTION I	I	I	I	I	I	I	I
I 01 AGRICULTURE, ETC.	I 249 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 2689 I	I 11562 I	I
I 02 MINING	I 528 I	I 1018 I	I 1692 I	I 134 I	I 914 I	I 95 I	I 961 I	I 14201 I	I
I 03 FOOD PROCESSING	I 0 I	I 60 I	I 43 I	I 21 I	I 37 I	I 5 I	I 135 I	I 0 I	I
I 04 TEXTILES	I 332 I	I 913 I	I 3688 I	I 317 I	I 1512 I	I 56 I	I 3590 I	I 1345 I	I
I 05 LUMBER AND WOOD	I 651 I	I 1273 I	I 917 I	I 937 I	I 4848 I	I 287 I	I 1610 I	I 67564 I	I
I 06 FURNITURE, FIXTURE	I 0 I	I 2363 I	I 283 I	I 0 I	I 0 I	I 0 I	I 0 I	I 7906 I	I
I 07 PULP AND PAPER	I 244 I	I 1442 I	I 1505 I	I 208 I	I 294 I	I 401 I	I 2775 I	I 2484 I	I
I 08 PRINTING, PUBLISH.	I 15 I	I 43 I	I 13 I	I 5 I	I 13 I	I 7 I	I 187 I	I 302 I	I
I 09 LEATHER & PROD.	I 0 I	I 503 I	I 23 I	I 30 I	I 1048 I	I 9 I	I 17 I	I 0 I	I
I 10 RUBBER PRODUCTS	I 104 I	I 920 I	I 146 I	I 4777 I	I 3803 I	I 112 I	I 0 I	I 2251 I	I
I 11 CHEMICALS	I 114 I	I 1867 I	I 2555 I	I 472 I	I 2366 I	I 221 I	I 8742 I	I 9265 I	I
I 12 PETROLEUM & COAL	I 1176 I	I 778 I	I 811 I	I 617 I	I 872 I	I 54 I	I 431 I	I 4107 I	I
I 13 NONMETAL MINERALS	I 57 I	I 1085 I	I 2167 I	I 998 I	I 1420 I	I 470 I	I 83 I	I 64852 I	I
I 14 IRON & STEEL MAT.	I 15 I	I 0 I	I 27 I	I 0 I	I 0 I	I 0 I	I 0 I	I 51 I	I
I 15 IRON & STEEL PROD	I 59400 I	I 79060 I	I 17195 I	I 17946 I	I 36740 I	I 1061 I	I 1017 I	I 49570 I	I
I 16 NONFERROUS METALS	I 3311 I	I 6956 I	I 36985 I	I 3772 I	I 2946 I	I 2991 I	I 1402 I	I 4918 I	I
I 17 FABRICATED METALS	I 994 I	I 1857 I	I 1026 I	I 671 I	I 1277 I	I 154 I	I 0 I	I 33433 I	I
I 18 GENERAL MACHINERY	I 328 I	I 30034 I	I 1448 I	I 1463 I	I 14230 I	I 280 I	I 2 I	I 4054 I	I
I 19 ELECTRICAL MACH.	I 160 I	I 1536 I	I 25175 I	I 3705 I	I 9140 I	I 50 I	I 0 I	I 22948 I	I
I 20 MOTOR VEHICLES	I 0 I	I 0 I	I 0 I	I 5051 I	I 0 I	I 0 I	I 0 I	I 0 I	I
I 21 OTHER TRANSPORT	I 0 I	I 0 I	I 0 I	I 0 I	I 11018 I	I 0 I	I 0 I	I 0 I	I
I 22 PRECISION INST.	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 1613 I	I 0 I	I 0 I	I
I 23 MANUFACTURING NEC	I 87 I	I 853 I	I 523 I	I 17 I	I 141 I	I 0 I	I 3279 I	I 6921 I	I
I 24 CONSTRUCTION	I 333 I	I 926 I	I 563 I	I 300 I	I 667 I	I 90 I	I 30 I	I 1500 I	I
I 25 EL, GAS, WATER	I 1121 I	I 1354 I	I 1205 I	I 401 I	I 1180 I	I 195 I	I 332 I	I 145 I	I
I 26 WHOLESALE, RETAIL	I 1766 I	I 5800 I	I 6138 I	I 3033 I	I 6333 I	I 369 I	I 1847 I	I 34606 I	I
I 27 FIN, INS, ESTATE	I 53 I	I 636 I	I 521 I	I 230 I	I 477 I	I 86 I	I 88 I	I 463 I	I
I 28 REAL ESTATE RENT	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I
I 29 TRANSPORTATION	I 1550 I	I 2317 I	I 1922 I	I 842 I	I 1336 I	I 160 I	I 792 I	I 22907 I	I
I 30 COMMUNICATION	I 89 I	I 202 I	I 147 I	I 68 I	I 137 I	I 17 I	I 33 I	I 2109 I	I
I 31 PUBLIC ADMIN.	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I
I 32 PUBLIC SERVICES	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I
I 33 PRIVATE SERVICES	I 690 I	I 1122 I	I 517 I	I 333 I	I 720 I	I 218 I	I 609 I	I 47624 I	I
I 34 OFFICE SUPPLIES	I 150 I	I 332 I	I 193 I	I 128 I	I 259 I	I 123 I	I 28 I	I 35 I	I
I 35 PACKING MATERIALS	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I
I 36 SCRAPS	I 0 I	I 0 I	I 5507 I	I 0 I	I 0 I	I 0 I	I 1 I	I 371 I	I
I 37 ACTIVITIES N.E.C.	I 13383 I	I 12077 I	I 12579 I	I 1752 I	I 13553 I	I 717 I	I 8395 I	I 0 I	I

I I01951S	I 17 FABRICA I 18 GENERAL I 19 ELECTR- I 20 MOTOR I 21 OTHER I 22 PRECI- I 23 MANUFAC I 24 CONST- I	I TED METALS I MACHINERY I ICAL MACH. I VEHICLES I TRANSPORT I SION INST. I TURING NEC I RUCTION I	I	I	I	I	I	I	I
I SUBTOTAL	I 86409 I	I 157479 I	I 125825 I	I 48222 I	I 117765 I	I 9841 I	I 39577 I	I 417497 I	I

3

I 101951	I 25 EL,GAS, I WATER	I 26 WHOLES- I ALE,RETAIL	I 27 FIN, I INS,ESTATE	I 28 REAL ES I TATE RENT	I 29 TRANS- I PORTATION	I 30 COMMU- I NICATION	I 31 PUBLIC I ADMIN.	I 32 PUBLIC I SERVICES	I
I 01 AGRICULTURE, ETC.	512 I	3326 I	0 I	0 I	1499 I	167 I	0 I	9002 I	I
I 02 MINING	43093 I	492 I	26 I	0 I	31153 I	317 I	0 I	1741 I	I
I 03 FOOD PROCESSING	3 I	0 I	0 I	0 I	132 I	0 I	0 I	4234 I	I
I 04 TEXTILES	294 I	0 I	0 I	0 I	8926 I	963 I	0 I	4526 I	I
I 05 LUMBER AND WOOD	353 I	4239 I	0 I	0 I	2395 I	1 I	0 I	121 I	I
I 06 FURNITURE, FIXTURE	0 I	0 I	0 I	0 I	0 I	0 I	0 I	879 I	I
I 07 PULP AND PAPER	163 I	13283 I	1217 I	0 I	1852 I	391 I	0 I	200 I	I
I 08 PRINTING, PUBLISH.	59 I	221 I	4699 I	0 I	1150 I	774 I	0 I	3892 I	I
I 09 LEATHER & PROD.	0 I	0 I	0 I	0 I	0 I	0 I	0 I	0 I	I
I 10 RUBBER PRODUCTS	373 I	5971 I	0 I	0 I	7866 I	0 I	0 I	619 I	I
I 11 CHEMICALS	786 I	0 I	0 I	0 I	2065 I	47 I	0 I	22819 I	I
I 12 PETROLEUM & COAL	6112 I	539 I	0 I	0 I	39576 I	385 I	0 I	23 I	I
I 13 NONMETAL MINERALS	625 I	0 I	0 I	0 I	1190 I	16 I	0 I	791 I	I
I 14 IRON & STEEL MAT.	767 I	0 I	0 I	0 I	0 I	0 I	0 I	0 I	I
I 15 IRON & STEEL PROD	1543 I	0 I	0 I	0 I	11199 I	30 I	0 I	0 I	I
I 16 NONFERROUS METALS	338 I	0 I	0 I	0 I	1108 I	3 I	0 I	489 I	I
I 17 FABRICATED METALS	253 I	3624 I	0 I	0 I	3093 I	542 I	0 I	0 I	I
I 18 GENERAL MACHINERY	2 I	0 I	0 I	0 I	441 I	0 I	0 I	0 I	I
I 19 ELECTRICAL MACH.	4398 I	197 I	0 I	0 I	5474 I	6861 I	0 I	323 I	I
I 20 MOTOR VEHICLES	0 I	0 I	0 I	0 I	3722 I	0 I	0 I	0 I	I
I 21 OTHER TRANSPORT	0 I	0 I	0 I	0 I	7264 I	107 I	0 I	0 I	I
I 22 PRECISION INST.	0 I	2187 I	0 I	0 I	120 I	0 I	0 I	2239 I	I
I 23 MANUFACTURING NEC	0 I	0 I	0 I	0 I	20 I	0 I	0 I	1935 I	I
I 24 CONSTRUCTION	3919 I	7636 I	14834 I	0 I	12537 I	444 I	0 I	10356 I	I
I 25 EL, GAS, WATER	2457 I	1379 I	51 I	0 I	6215 I	436 I	0 I	3584 I	I
I 26 WHOLESALE, RETAIL	2662 I	6047 I	1153 I	0 I	7032 I	1231 I	0 I	10437 I	I
I 27 FIN, INS, ESTATE	419 I	15664 I	20786 I	0 I	7712 I	5 I	0 I	3481 I	I
I 28 REAL ESTATE RENT	0 I	0 I	0 I	0 I	0 I	0 I	0 I	0 I	I
I 29 TRANSPORTATION	5065 I	9963 I	331 I	0 I	10644 I	4224 I	0 I	1341 I	I
I 30 COMMUNICATION	329 I	23975 I	3573 I	0 I	618 I	192 I	0 I	1877 I	I
I 31 PUBLIC ADMIN.	0 I	0 I	0 I	0 I	0 I	0 I	0 I	0 I	I
I 32 PUBLIC SERVICES	0 I	0 I	0 I	0 I	0 I	0 I	0 I	0 I	I
I 33 PRIVATE SERVICES	1014 I	39643 I	4139 I	0 I	13273 I	435 I	0 I	0 I	I
I 34 OFFICE SUPPLIES	380 I	22765 I	2396 I	0 I	4135 I	103 I	0 I	2143 I	I
I 35 PACKING MATERIALS	0 I	0 I	0 I	0 I	0 I	0 I	0 I	0 I	I
I 36 SCRAPS	0 I	0 I	0 I	0 I	0 I	0 I	0 I	0 I	I
I 37 ACTIVITIES N.E.C.	18406 I	70848 I	1467 I	0 I	23490 I	10080 I	0 I	9927 I	I

I 101951S	I 25 EL,GAS, I WATER	I 26 WHOLES- I ALE,RETAIL	I 27 FIN, I INS,ESTATE	I 28 REAL ES I TATE RENT	I 29 TRANS- I PORTATION	I 30 COMMU- I NICATION	I 31 PUBLIC I ADMIN.	I 32 PUBLIC I SERVICES	I
I SUBTOTAL	94829 I	237052 I	54672 I	0 I	216102 I	27757 I	0 I	97027 I	I

I 101951	I 33 PRIVATE I SERVICES	I 34 OFFICE I SUPPLIES	I 35 PACKING I MATERIALS	I 36 SCRAPS I	I 37 ACTIVI- I TIES NEC	I 100UT51 I I	I 01 AGRICULTURE, ETC.	I INTERMED. I DEMAND	I
I 01 AGRICULTURE, ETC.	54499 I	0 I	0 I	0 I	70754 I	I 01 AGRICULTURE, ETC.	900374 I	I	
I 02 MINING	1454 I	0 I	0 I	0 I	738 I	I 02 MINING	323953 I	I	

I 36 SCRAPS	0	0	0	0	0	0	0	0	0
I 37 ACTIVITIES N.E.C.	18406	70848	1467	23490	10080	0	0	9927	0

I 101951S	I 25 EL,GAS, WATER	I 26 WHOLES- ALE, RETAIL	I 27 FIN, INS, ESTATE	I 28 REAL ES TATE RENT	I 29 TRANS- PORTATION	I 30 COMMU- NICATION	I 31 PUBLIC ADMIN.	I 32 PUBLIC SERVICES	I
I SUBTOTAL	94829	237052	54672	0	216102	27757	0	97027	I

I 101951	I 33 PRIVATE SERVICES	I 34 OFFICE SUPPLIES	I 35 PACKING MATERIALS	I 36 SCRAPS	I 37 ACTIVI- TIES NEC	I 100UT51	I INTERMED. DEMAND	I
I 01 AGRICULTURE, ETC.	54499	0	0	0	70754	I 01 AGRICULTURE, ETC.	900374	I
I 02 MINING	1454	0	0	0	738	I 02 MINING	323953	I
I 03 FOOD PROCESSING	137340	0	0	585	36567	I 03 FOOD PROCESSING	380170	I
I 04 TEXTILES	2083	240	0	21631	85547	I 04 TEXTILES	696959	I
I 05 LUMBER AND WOOD	301	31	0	1114	5229	I 05 LUMBER AND WOOD	132585	I
I 06 FURNITURE, FIXTURE	70	0	0	37	106	I 06 FURNITURE, FIXTURE	11648	I
I 07 PULP AND PAPER	1686	10728	0	553	3914	I 07 PULP AND PAPER	214919	I
I 08 PRINTING, PUBLISH.	14321	7109	0	401	932	I 08 PRINTING, PUBLISH.	37837	I
I 09 LEATHER & PROD.	200	0	0	193	1167	I 09 LEATHER & PROD.	20024	I
I 10 RUBBER PRODUCTS	2176	0	0	60	2360	I 10 RUBBER PRODUCTS	52867	I
I 11 CHEMICALS	6003	1015	0	1680	21333	I 11 CHEMICALS	418184	I
I 12 PETROLEUM & COAL	757	0	0	46	7435	I 12 PETROLEUM & COAL	152320	I
I 13 NONMETAL MINERALS	2395	200	0	189	2004	I 13 NONMETAL MINERALS	116022	I
I 14 IRON & STEEL MAT.	0	0	0	15118	0	I 14 IRON & STEEL MAT.	335164	I
I 15 IRON & STEEL PROD.	1657	0	0	36222	8156	I 15 IRON & STEEL PROD.	584622	I
I 16 NONFERROUS METALS	0	0	0	131	10317	I 16 NONFERROUS METALS	134290	I
I 17 FABRICATED METALS	1263	0	0	1170	3849	I 17 FABRICATED METALS	83873	I
I 18 GENERAL MACHINERY	9590	238	0	1112	3223	I 18 GENERAL MACHINERY	80349	I
I 19 ELECTRICAL MACH.	9718	0	0	908	4661	I 19 ELECTRICAL MACH.	101110	I
I 20 MOTOR VEHICLES	6185	0	0	535	0	I 20 MOTOR VEHICLES	15695	I
I 21 OTHER TRANSPORT	5598	0	0	1669	2632	I 21 OTHER TRANSPORT	29707	I
I 22 PRECISION INST.	459	0	0	179	0	I 22 PRECISION INST.	6803	I
I 23 MANUFACTURING NEC	1962	3450	0	277	489	I 23 MANUFACTURING NEC	22459	I
I 24 CONSTRUCTION	7460	0	0	0	0	I 24 CONSTRUCTION	100336	I
I 25 EL, GAS, WATER	6799	0	0	0	10545	I 25 EL, GAS, WATER	197698	I
I 26 WHOLESALE, RETAIL	29682	3322	0	86000	37709	I 26 WHOLESALE, RETAIL	374706	I
I 27 FIN, INS, ESTATE	17116	0	0	0	10675	I 27 FIN, INS, ESTATE	95665	I
I 28 REAL ESTATE RENT	0	0	0	0	0	I 28 REAL ESTATE RENT	0	I
I 29 TRANSPORTATION	7921	704	0	0	39024	I 29 TRANSPORTATION	186930	I
I 30 COMMUNICATION	9333	0	0	362	13445	I 30 COMMUNICATION	64363	I
I 31 PUBLIC ADMIN.	0	0	0	0	0	I 31 PUBLIC ADMIN.	0	I
I 32 PUBLIC SERVICES	0	0	0	0	16344	I 32 PUBLIC SERVICES	16544	I
I 33 PRIVATE SERVICES	10186	0	0	0	24762	I 33 PRIVATE SERVICES	190136	I
I 34 OFFICE SUPPLIES	3308	0	0	0	660	I 34 OFFICE SUPPLIES	43749	I
I 35 PACKING MATERIALS	0	0	0	0	0	I 35 PACKING MATERIALS	0	I
I 36 SCRAPS	225	0	0	1092	1605	I 36 SCRAPS	218057	I
I 37 ACTIVITIES N.E.C.	82762	17163	0	20394	4015	I 37 ACTIVITIES N.E.C.	546450	I

I 101951S	I 33 PRIVATE SERVICES	I 34 OFFICE SUPPLIES	I 35 PACKING MATERIALS	I 36 SCRAPS	I 37 ACTIVI- TIES NEC	I 100UT51S	I INTERMED. DEMAND	I
I SUBTOTAL	436224	44249	0	191661	450395	I SUBTOTAL	6797544	I

1-2 Interindustry transaction, 1955

(current prices, million yen)

I 101955	I 01 AGRICULTURE ETC.	I 02 MINING	I 03 FOOD PROCESSING	I 04 TEXTILES	I 05 LUMBER AND WOOD	I 06 FURNITURE ETC.	I 07 PULP AND PAPER	I 08 PRINTING, PUBL.
I 01 AGRICULTURE, ETC.	357406	11359	1249556	254812	226085	335	36201	64
I 02 MINING	6542	7190	6455	9963	42	201	9707	161
I 03 FOOD PROCESSING	67375	0	256721	4045	574	0	0	4
I 04 TEXTILES	14074	148	1390	688544	53	690	2942	2422
I 05 LUMBER AND WOOD	10391	2384	846	798	995	37153	1383	64
I 06 FURNITURE, FIXTURE	7167	0	4593	615	0	46	1062	39
I 07 PULP AND PAPER	5336	0	12550	34014	0	767	107826	96813
I 08 PRINTING, PUBLISH.	1960	781	8744	6189	392	763	36676	0
I 09 LEATHER & PROD.	1	0	87	1251	4	45	27	0
I 10 RUBBER PRODUCTS	270	1273	608	1430	399	25	915	1077
I 11 CHEMICALS	103098	5324	35348	49195	2679	3370	8474	8033
I 12 PETROLEUM & COAL	20790	1824	5075	4287	222	149	2392	677
I 13 NONMETAL MINERALS	2883	478	6820	94	134	432	356	161
I 14 IRON & STEEL MAT.	0	711	11	0	0	0	0	0
I 15 IRON & STEEL PROD	357	3687	163	40	24	542	80	52
I 16 NONFERROUS METALS	170	531	573	341	0	57	50	985
I 17 FABRICATED METALS	10781	1550	16670	1227	599	1957	834	112
I 18 GENERAL MACHINERY	4525	1094	27	2490	30	117	8	12
I 19 ELECTRICAL MACH.	192	0	43	0	0	0	0	0
I 20 MOTOR VEHICLES	0	0	0	0	0	0	0	0
I 21 OTHER TRANSPORT	8157	0	0	0	0	0	0	0
I 22 PRECISION INST.	0	0	0	250	0	0	0	0
I 23 MANUFACTURING NEC	2732	0	1029	1460	158	1137	26	0
I 24 CONSTRUCTION	0	0	0	0	0	0	0	0
I 25 EL, GAS, WATER	5108	13690	17264	14030	3181	1192	12300	4281
I 26 WHOLESALE, RETAIL	58648	2745	106132	36554	1705	2331	6383	8496
I 27 FIN, INS, ESTATE	10193	1926	6339	9079	2073	2249	1015	803
I 28 TRANSPORTATION	15527	3062	24896	8396	164	2650	4677	1992
I 29 COMMUNICATION	1322	749	2074	4717	772	0	554	9839
I 30 PUBLIC SERVICES	869	0	0	0	0	0	0	0
I 31 PRIVATE SERVICES	17091	618	20075	10191	1409	294	732	17402
I 32 OFFICE SUPPLIES	1038	816	2679	2445	394	202	378	855
I 33 PACKING MATERIALS	197	0	3135	3210	0	244	5540	206
I 34 REPAIRS	13530	5853	5323	11788	1150	174	2753	5000
I 35 SCRAPS	12285	0	31594	35373	0	63	10924	0
I 36 ACTIVITIES N.E.C.	55806	23052	45210	37525	8268	11615	4455	21284

I 101955S	I 01 AGRICULTURE ETC.	I 02 MINING	I 03 FOOD PROCESSING	I 04 TEXTILES	I 05 LUMBER AND WOOD	I 06 FURNITURE ETC.	I 07 PULP AND PAPER	I 08 PRINTING, PUBL.
I SUBTOTAL	816819	95905	1872545	1234353	251506	68800	258370	180834

I 101955	I 09 LEATHER & PRODUCTS	I 10 RUBBER PRODUCTS	I 11 CHEMICALS	I 12 PETROLEUM & COAL	I 13 NONMETAL MINERAL	I 14 IRON & STEEL MAT.	I 15 IRON & STEEL PROD	I 16 NONFERROUS METAL
I 01 AGRICULTURE, ETC.	10776	17773	34733	70	4368	394	153	1120
I 02 MINING	81	625	39757	124521	33681	45658	2603	36998
I 03 FOOD PROCESSING	0	1	26333	0	82	0	21	0
I 04 TEXTILES	0	8734	932	0	78	1	1	1999
I 05 LUMBER AND WOOD	0	0	6375	13	2496	35	22	225

I 36 ACTIVITIES N.E.C. I 55806 I 29052 I 45210 I 37525 I 8268 I 11615 I 4455 I 21284 I

I 1019555	I 01 AGRICULTURE ETC.	I 02 MINING	I 03 FOOD PROCESSING	I 04 TEXTILES	I 05 LUMBER AND WOOD	I 06 FURNITURE ETC.	I 07 PULP AND PAPER	I 08 PRINTING, PUBL.
I SUBTOTAL	I 816819	I 95905	I 1872545	I 1234353	I 251506	I 68800	I 258370	I 180834

I 101955	I 09 LEATHER & PRODUCTS	I 10 RUBBER PRODUCTS	I 11 CHEMICALS	I 12 PETROLEUM & COAL	I 13 NONMETAL MINERAL	I 14 IRON & STEEL MAT.	I 15 IRON & STEEL PROD	I 16 NONFERROUS METAL
I 01 AGRICULTURE, ETC.	I 10776	I 17773	I 34733	I 70	I 4368	I 394	I 153	I 1120
I 02 MINING	I 81	I 625	I 39757	I 124521	I 33681	I 45658	I 2603	I 36998
I 03 FOOD PROCESSING	I 0	I 1	I 26333	I 0	I 82	I 0	I 21	I 0
I 04 TEXTILES	I 0	I 8784	I 932	I 0	I 78	I 1	I 1	I 1999
I 05 LUMBER AND WOOD	I 0	I 0	I 6375	I 13	I 2496	I 35	I 22	I 225
I 06 FURNITURE, FIXTURE	I 0	I 0	I 4889	I 10	I 443	I 27	I 747	I 284
I 07 PULP AND PAPER	I 0	I 0	I 10952	I 17	I 6828	I 47	I 26	I 326
I 08 PRINTING, PUBLISH.	I 66	I 0	I 330	I 710	I 838	I 4	I 154	I 443
I 09 LEATHER & PROD.	I 1800	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I 10 RUBBER PRODUCTS	I 2	I 7	I 1595	I 182	I 125	I 305	I 462	I 43
I 11 CHEMICALS	I 2504	I 3558	I 181266	I 3696	I 4201	I 1363	I 1371	I 2774
I 12 PETROLEUM & COAL	I 196	I 1078	I 24084	I 10100	I 6052	I 43766	I 9435	I 4027
I 13 NONMETAL MINERALS	I 0	I 428	I 5656	I 490	I 12168	I 5945	I 541	I 1446
I 14 IRON & STEEL MAT.	I 0	I 0	I 746	I 1490	I 318	I 235169	I 324723	I 0
I 15 IRON & STEEL PROD	I 0	I 0	I 376	I 0	I 525	I 33169	I 149873	I 1057
I 16 NONFERROUS METALS	I 0	I 0	I 5127	I 0	I 847	I 1549	I 10801	I 63899
I 17 FABRICATED METALS	I 0	I 0	I 2518	I 489	I 15	I 1	I 510	I 202
I 18 GENERAL MACHINERY	I 65	I 105	I 104	I 34	I 113	I 5325	I 5337	I 608
I 19 ELECTRICAL MACH.	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I 20 MOTOR VEHICLES	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I 21 OTHER TRANSPORT	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I 22 PRECISION INST.	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I 23 MANUFACTURING NEC	I 0	I 0	I 117	I 0	I 11	I 1	I 7	I 4
I 24 CONSTRUCTION	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I 25 EL, GAS, WATER	I 170	I 835	I 24819	I 1140	I 7418	I 10566	I 5074	I 6967
I 26 WHOLESALE, RETAIL	I 389	I 1359	I 25541	I 2182	I 10985	I 3189	I 6063	I 2852
I 27 FIN, INS, ESTATE	I 181	I 314	I 6562	I 1375	I 1481	I 296	I 736	I 428
I 28 TRANSPORTATION	I 65	I 411	I 14285	I 13445	I 9700	I 8826	I 4866	I 3368
I 29 COMMUNICATION	I 15	I 344	I 1601	I 360	I 842	I 201	I 1509	I 528
I 30 PUBLIC SERVICES	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I 31 PRIVATE SERVICES	I 60	I 784	I 15378	I 1368	I 1323	I 248	I 1524	I 617
I 32 OFFICE SUPPLIES	I 12	I 168	I 1473	I 415	I 343	I 98	I 227	I 247
I 33 PACKING MATERIALS	I 0	I 0	I 25492	I 54	I 2305	I 142	I 88	I 295
I 34 REPAIRS	I 13	I 87	I 9211	I 115	I 444	I 3053	I 5882	I 924
I 35 SCRAPS	I 0	I 938	I 763	I 0	I 1411	I 0	I 46	I 47691
I 36 ACTIVITIES N.E.C.	I 1344	I 6182	I 31478	I 10058	I 24079	I 13101	I 24740	I 14153

I 1019555	I 09 LEATHER & PRODUCTS	I 10 RUBBER PRODUCTS	I 11 CHEMICALS	I 12 PETROLEUM & COAL	I 13 NONMETAL MINERAL	I 14 IRON & STEEL MAT.	I 15 IRON & STEEL PROD	I 16 NONFERROUS METAL
I SUBTOTAL	I 17739	I 43781	I 502493	I 172334	I 133520	I 412479	I 558042	I 193525

I 101955	I 17 FABRICA I TED METALS	I 18 GENERAL I MACHINERY	I 19 ELECTR- I ICAL MACH.	I 20 MOTOR I VEHICLES	I 21 OTHER I TRANSPORT	I 22 PRECI- I SION INST.	I 23 MANUFAC I TURING NEC	I 24 CONST- I RUCTION
I 01 AGRICULTURE, ETC.	255 I	19 I	64 I	0 I	17 I	0 I	12541 I	17954 I
I 02 MINING	328 I	724 I	495 I	109 I	588 I	18 I	785 I	38014 I
I 03 FOOD PROCESSING	0 I	53 I	14 I	11 I	21 I	11 I	428 I	0 I
I 04 TEXTILES	578 I	1365 I	241 I	118 I	1654 I	171 I	12438 I	1455 I
I 05 LUMBER AND WOOD	142 I	3139 I	1546 I	252 I	11111 I	244 I	6924 I	143817 I
I 06 FURNITURE, FIXTURE	460 I	1022 I	2977 I	108 I	447 I	3188 I	959 I	27550 I
I 07 PULP AND PAPER	162 I	1196 I	2639 I	34 I	46 I	0 I	4399 I	965 I
I 08 PRINTING, PUBLISH.	690 I	2319 I	24 I	9 I	25 I	112 I	4736 I	0 I
I 09 LEATHER & PROD.	116 I	1061 I	8 I	13 I	916 I	814 I	14343 I	0 I
I 10 RUBBER PRODUCTS	594 I	720 I	1311 I	8679 I	7384 I	58 I	4210 I	1093 I
I 11 CHEMICALS	1467 I	7168 I	3195 I	1715 I	9924 I	231 I	20622 I	7407 I
I 12 PETROLEUM & COAL	1522 I	2792 I	1866 I	458 I	1358 I	139 I	1971 I	6365 I
I 13 NONMETAL MINERALS	429 I	2253 I	5633 I	2342 I	1375 I	333 I	943 I	108910 I
I 14 IRON & STEEL MAT.	13 I	0 I	63 I	0 I	0 I	0 I	0 I	52 I
I 15 IRON & STEEL PROD	76596 I	105518 I	26467 I	18009 I	60593 I	6665 I	3987 I	64542 I
I 16 NONFERROUS METALS	21397 I	22219 I	40405 I	2102 I	6418 I	3465 I	2396 I	33087 I
I 17 FABRICATED METALS	3471 I	4516 I	388 I	2821 I	3359 I	5 I	1205 I	66175 I
I 18 GENERAL MACHINERY	1406 I	55749 I	3800 I	17636 I	25764 I	704 I	192 I	10316 I
I 19 ELECTRICAL MACH.	534 I	9942 I	24536 I	4066 I	5891 I	65 I	0 I	8057 I
I 20 MOTOR VEHICLES	0 I	0 I	0 I	4280 I	0 I	0 I	0 I	0 I
I 21 OTHER TRANSPORT	0 I	0 I	0 I	0 I	10092 I	0 I	0 I	0 I
I 22 PRECISION INST.	0 I	0 I	0 I	0 I	0 I	2485 I	0 I	27 I
I 23 MANUFACTURING NEC	310 I	410 I	5340 I	269 I	279 I	174 I	9798 I	3387 I
I 24 CONSTRUCTION	0 I	0 I	0 I	0 I	0 I	0 I	0 I	0 I
I 25 EL, GAS, WATER	1909 I	3038 I	2588 I	929 I	3790 I	229 I	1976 I	2636 I
I 26 WHOLESALE, RETAIL	5155 I	11419 I	11659 I	5029 I	11949 I	2293 I	9333 I	41084 I
I 27 FIN, INS, ESTATE	275 I	2508 I	840 I	312 I	667 I	257 I	1278 I	2962 I
I 28 TRANSPORTATION	1936 I	3548 I	2398 I	1123 I	3033 I	337 I	2085 I	37179 I
I 29 COMMUNICATION	5 I	183 I	157 I	92 I	192 I	154 I	929 I	3279 I
I 30 PUBLIC SERVICES	0 I	0 I	0 I	0 I	0 I	0 I	0 I	0 I
I 31 PRIVATE SERVICES	365 I	3345 I	1401 I	306 I	671 I	832 I	2827 I	5696 I
I 32 OFFICE SUPPLIES	1105 I	726 I	403 I	174 I	368 I	818 I	380 I	5894 I
I 33 PACKING MATERIALS	515 I	2121 I	6187 I	20 I	42 I	891 I	2203 I	0 I
I 34 REPAIRS	1798 I	3312 I	1700 I	146 I	728 I	205 I	295 I	3137 I
I 35 SCRAPS	0 I	0 I	0 I	0 I	0 I	0 I	985 I	1223 I
I 36 ACTIVITIES N.E.C.	4000 I	8054 I	-3558 I	274 I	1131 I	166 I	13913 I	38834 I

I 101955	I 17 FABRICA I TED METALS	I 18 GENERAL I MACHINERY	I 19 ELECTR- I ICAL MACH.	I 20 MOTOR I VEHICLES	I 21 OTHER I TRANSPORT	I 22 PRECI- I SION INST.	I 23 MANUFAC I TURING NEC	I 24 CONST- I RUCTION
I SUBTOTAL	I 127533 I	I 260439 I	I 144787 I	I 71436 I	I 169833 I	I 25114 I	I 139081 I	I 681097 I

I 101955	I 25 EL,GAS, I WATER	I 26 WHOLES- I ALE, RETAIL	I 27 FIN, I INS, ESTATE	I 28 TRANS- I PORTATION	I 29 COMMU- I NICATION	I 30 PUBLIC I SERVICES	I 31 PRIVATE I SERVICES	I 32 OFFICE I SUPPLIES
I 01 AGRICULTURE, ETC.	0 I	1067 I	675 I	92 I	338 I	1492 I	68286 I	0 I
I 02 MINING	50007 I	406 I	705 I	19840 I	204 I	1665 I	3762 I	0 I

I 36 ACTIVITIES N.E.C. I 4000 I 8054 I -3558 I 274 I 1131 I 166 I 985 I 1223 I 13913 I 38854 I

I 101955	I 17 FABRICA I TED METALS	I 18 GENERAL I MACHINERY	I 19 ELECTR- I CAL MACH.	I 20 MOTOR I VEHICLES	I 21 OTHER I TRANSPORT	I 22 PRECI- I SION INST.	I 23 MANUFAC I TURING NEC	I 24 CONST- I RUCTION
I SUBTOTAL	I 127533	I 260439	I 144787	I 71436	I 169833	I 25114	I 139081	I 681097

I 101955	I 25 EL,GAS, I WATER	I 26 WHOLES- I ALE,RETAIL	I 27 FIN, I NS,ESTATE	I 28 TRANS- I PORTATION	I 29 COMMU- I NICATION	I 30 PUBLIC I SERVICES	I 31 PRIVATE I SERVICES	I 32 OFFICE I SUPPLIES
I 31 AGRICULTURE, ETC.	I 0	I 1067	I 675	I 92	I 338	I 1492	I 68286	I 0
I 32 MINING	I 30007	I 406	I 705	I 19840	I 204	I 1665	I 3762	I 0
I 33 FOOD PROCESSING	I 0	I 0	I 0	I 0	I 0	I 196	I 243813	I 0
I 34 TEXTILES	I 716	I 1200	I 144	I 2386	I 790	I 2546	I 5827	I 6802
I 35 LUMBER AND WOOD	I 0	I 9456	I 0	I 7241	I 0	I 7	I 157	I 0
I 36 FURNITURE, FIXTURE	I 180	I 7250	I 44	I 2107	I 372	I 0	I 2049	I 7454
I 37 PULP AND PAPER	I 0	I 12003	I 0	I 0	I 4208	I 0	I 2821	I 13114
I 38 PRINTING, PUBLISH.	I 900	I 11249	I 6500	I 3028	I 1369	I 5430	I 35473	I 47070
I 39 LEATHER & PROD.	I 0	I 0	I 0	I 91	I 0	I 0	I 1681	I 0
I 40 RUBBER PRODUCTS	I 883	I 660	I 283	I 5319	I 19	I 95	I 7024	I 0
I 41 CHEMICALS	I 517	I 0	I 0	I 457	I 0	I 33357	I 27629	I 0
I 42 PETROLEUM & COAL	I 19679	I 924	I 613	I 72170	I 424	I 1174	I 2780	I 0
I 43 NONMETAL MINERALS	I 622	I 0	I 0	I 541	I 38	I 793	I 3222	I 128
I 44 IRON & STEEL MAT.	I 2608	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I 45 IRON & STEEL PROD	I 1796	I 564	I 0	I 3926	I 103	I 0	I 779	I 0
I 46 NONFERROUS METALS	I 633	I 0	I 0	I 1517	I 1498	I 1800	I 230	I 0
I 47 FABRICATED METALS	I 256	I 1031	I 0	I 218	I 66	I 121	I 5922	I 1680
I 48 GENERAL MACHINERY	I 4244	I 379	I 0	I 0	I 0	I 1734	I 784	I 0
I 49 ELECTRICAL MACH.	I 547	I 0	I 0	I 0	I 0	I 0	I 204	I 2416
I 50 MOTOR VEHICLES	I 0	I 0	I 0	I 0	I 0	I 0	I 13357	I 0
I 51 OTHER TRANSPORT	I 0	I 0	I 0	I 13044	I 119	I 0	I 6433	I 0
I 52 PRECISION INST.	I 0	I 0	I 0	I 0	I 0	I 0	I 1413	I 250
I 53 MANUFACTURING NEC	I 0	I 1518	I 0	I 217	I 164	I 2248	I 5589	I 10124
I 54 CONSTRUCTION	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I 55 EL, GAS, WATER	I 6483	I 7895	I 2703	I 9844	I 1590	I 9810	I 25651	I 0
I 56 WHOLESALE, RETAIL	I 3136	I 5565	I 1364	I 10838	I 482	I 8194	I 35171	I 10909
I 57 FIN, INS, ESTATE	I 2331	I 44312	I 17023	I 11008	I 1115	I 3253	I 27345	I 0
I 58 TRANSPORTATION	I 8482	I 21282	I 351	I 9855	I 2559	I 2151	I 13576	I 1242
I 59 COMMUNICATION	I 415	I 57685	I 23538	I 3674	I 1662	I 1778	I 24526	I 0
I 60 PUBLIC SERVICES	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I 61 PRIVATE SERVICES	I 2632	I 82258	I 9965	I 36248	I 5163	I 7506	I 67410	I 0
I 62 OFFICE SUPPLIES	I 1018	I 61544	I 1242	I 3153	I 841	I 8410	I 10734	I 0
I 63 PACKING MATERIALS	I 0	I 37789	I 0	I 12922	I 0	I 0	I 653	I 0
I 64 REPAIRS	I 35187	I 16302	I 71600	I 43153	I 970	I 12492	I 4359	I 0
I 65 SCRAPS	I 0	I 0	I 0	I 105	I 0	I 0	I 669	I 0
I 66 ACTIVITIES N.E.C.	I 2837	I 13330	I 6560	I 43363	I 10471	I 28477	I 23270	I 5529

I 101955	I 25 EL,GAS, I WATER	I 26 WHOLES- I ALE,RETAIL	I 27 FIN, I NS,ESTATE	I 28 TRANS- I PORTATION	I 29 COMMU- I NICATION	I 30 PUBLIC I SERVICES	I 31 PRIVATE I SERVICES	I 32 OFFICE I SUPPLIES
I SUBTOTAL	I 126114	I 400719	I 143315	I 316357	I 34565	I 134729	I 722599	I 111718

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I 101955	I 33 PACKING I MATERIALS	I 34 REPAIRS	I 35 SCRAPS	I 36 ACTIVI- I TIES NEC	I 100UT55	I INTERMED. I DEMAND
I 01 AGRICULTURE, ETC.	695 I	7134 I	287 I	5833 I	I 01 AGRICULTURE, ETC.	2321954 I
I 02 MINING	0 I	1729 I	J I	2858 I	I 02 MINING	426422 I
I 03 FOOD PROCESSING	0 I	250 I	822 I	89638 I	I 03 FOOD PROCESSING	690911 I
I 04 TEXTILES	769 I	98 I	12217 I	27144 I	I 04 TEXTILES	800717 I
I 05 LUMBER AND WOOD	26085 I	22546 I	0 I	322 I	I 05 LUMBER AND WOOD	296169 I
I 06 FURNITURE, FIXTURE	20000 I	1020 I	0 I	-19467 I	I 06 FURNITURE, FIXTURE	77642 I
I 07 PULP AND PAPER	33115 I	375 I	J I	-27439 I	I 07 PULP AND PAPER	328140 I
I 08 PRINTING, PUBLISH.	0 I	0 I	J I	11474 I	I 08 PRINTING, PUBLISH.	188458 I
I 09 LEATHER & PROD.	0 I	0 I	J I	1136 I	I 09 LEATHER & PROD.	23394 I
I 10 RUBBER PRODUCTS	0 I	2294 I	0 I	9490 I	I 10 RUBBER PRODUCTS	58844 I
I 11 CHEMICALS	0 I	2407 I	J I	23925 I	I 11 CHEMICALS	561325 I
I 12 PETROLEUM & COAL	0 I	240 I	0 I	7216 I	I 12 PETROLEUM & COAL	255845 I
I 13 NONMETAL MINERALS	0 I	23428 I	0 I	9765 I	I 13 NONMETAL MINERALS	198787 I
I 14 IRON & STEEL MAT.	0 I	0 I	0 I	0 I	I 14 IRON & STEEL MAT.	565904 I
I 15 IRON & STEEL PROD	1562 I	23544 I	0 I	9229 I	I 15 IRON & STEEL PROD	594330 I
I 16 NONFERROUS METALS	0 I	8054 I	264 I	9338 I	I 16 NONFERROUS METALS	239808 I
I 17 FABRICATED METALS	569 I	26789 I	J I	4638 I	I 17 FABRICATED METALS	160855 I
I 18 GENERAL MACHINERY	0 I	21236 I	J I	1652 I	I 18 GENERAL MACHINERY	166090 I
I 19 ELECTRICAL MACH.	0 I	16280 I	0 I	150 I	I 19 ELECTRICAL MACH.	72928 I
I 20 MOTOR VEHICLES	0 I	0 I	J I	0 I	I 20 MOTOR VEHICLES	17637 I
I 21 OTHER TRANSPORT	0 I	6942 I	J I	2579 I	I 21 OTHER TRANSPORT	47366 I
I 22 PRECISION INST.	0 I	1058 I	0 I	0 I	I 22 PRECISION INST.	5483 I
I 23 MANUFACTURING NEC	481 I	1158 I	0 I	2417 I	I 23 MANUFACTURING NEC	50565 I
I 24 CONSTRUCTION	0 I	0 I	0 I	0 I	I 24 CONSTRUCTION	0 I
I 25 EL, GAS, WATER	0 I	273 I	0 I	1278 I	I 25 EL, GAS, WATER	210657 I
I 26 WHOLESALE, RETAIL	9009 I	10679 I	571 I	30528 I	I 26 WHOLESALE, RETAIL	549627 I
I 27 FIN, INS, ESTATE	0 I	229 I	J I	27061 I	I 27 FIN, INS, ESTATE	187826 I
I 28 TRANSPORTATION	829 I	5017 I	88 I	19821 I	I 28 REAL ESTATE RENT	253222 I
I 29 COMMUNICATION	0 I	294 I	J I	0 I	I 29 TRANSPORTATION	143990 I
I 30 PUBLIC SERVICES	0 I	0 I	0 I	0 I	I 30 COMMUNICATION	869 I
I 31 PRIVATE SERVICES	0 I	126 I	0 I	37003 I	I 31 PUBLIC ADMIN.	352868 I
I 32 OFFICE SUPPLIES	0 I	570 I	J I	0 I	I 32 PUBLIC SERVICES	109170 I
I 33 PACKING MATERIALS	0 I	0 I	0 I	0 I	I 33 PRIVATE SERVICES	104251 I
I 34 REPAIRS	0 I	4029 I	0 I	0 I	I 34 OFFICE SUPPLIES	265213 I
I 35 SCRAPS	0 I	0 I	J I	0 I	I 35 PACKING MATERIALS	144070 I
I 36 ACTIVITIES N.E.C.	11037 I	9975 I	0 I	-8235 I	I 36 ACTIVITIES N.E.C.	551778 I

I 101955S	I 33 PACKING I MATERIALS	I 34 REPAIRS	I 35 SCRAPS	I 36 ACTIVI- I TIES NEC	I 100UT55S	I INTERMED. I DEMAND
I SUBTOTAL	I 104251 I	I 197774 I	I 14249 I	I 284354 I	I SUBTOTAL	I 11023115 I

1-3 Interindustry transaction, 1960

(current prices, million yen)

I 101960	I 01 AGRICULTURE ETC.	I 02 MINING	I 03 FOOD PROCESSING	I 04 TEXTILES	I 05 LUMBER AND WOOD	I 06 FURNITURE ETC.	I 07 PULP AND PAPER	I 08 PRINTING, PUBL.
I 01 AGRICULTURE, ETC.	473583 I	12023 I	1531623 I	331931 I	339433 I	54 I	45778 I	0 I
I 02 MINING	240 I	4559 I	6275 I	6102 I	406 I	356 I	14337 I	0 I
I 03 FOOD PROCESSING	0 I	0 I	532870 I	6243 I	0 I	0 I	676 I	6 I

I 36 ACTIVITIES N.E.C. I 11037 I 9975 I 0 I -8235 I I 35 PACKING MATERIALS I 144070 I I 36 ACTIVITIES N.E.C. I 551778 I

I 101955S	I 33 PACKING I 34 REPAIRS I 35 SCRAPS I 36 ACTIVI-	I 100UT55S	I INTERMED.
I I	I MATERIALS I I I I I TIES NEC I I	I I	I DEMAND I
I SUBTOTAL	I 104251 I 197774 I 14249 I 284354 I	I SUBTOTAL	I 11023115 I

1-3 Interindustry transaction, 1960

(current prices, million yen)

I 101960	I 01 AGRICU- I 02 MINING I 03 FOOD I 04 TEXTIL- I 05 LUMBER I 06 FURNI- I 07 PULP I 08 PRINT-
I I	I LTURE ETC. I I I I I AND WOOD I TURE ETC. I AND PAPER I ING, PUBL. I
I 01 AGRICULTURE, ETC. I 473583 I 12023 I 1531623 I 331931 I 339433 I 54 I 45778 I 0 I	
I 02 MINING I 240 I 4559 I 6275 I 6102 I 406 I 336 I 14337 I 0 I	
I 03 FOOD PROCESSING I 127928 I 0 I 522870 I 6241 I 3 I 0 I 676 I 6 I	
I 04 TEXTILES I 46131 I 773 I 2344 I 933974 I 1222 I 5258 I 3225 I 1244 I	
I 05 LUMBER AND WOOD I 5806 I 754 I 14086 I 1447 I 61745 I 27886 I 13782 I 240 I	
I 06 FURNITURE, FIXTURE I 283 I 0 I 31 I 0 I 1 I 1490 I 0 I 0 I	
I 07 PULP AND PAPER I 3773 I 0 I 27604 I 2249 I 1597 I 936 I 253350 I 115578 I	
I 08 PRINTING, PUBLISH. I 163 I 1147 I 5170 I 4646 I 256 I 304 I 29407 I 15832 I	
I 09 LEATHER & PROD. I 9 I 0 I 50 I 15042 I 0 I 23 I 9 I 159 I	
I 10 RUBBER PRODUCTS I 1753 I 192 I 253 I 7192 I 12 I 720 I 0 I 40 I	
I 11 CHEMICALS I 153756 I 7403 I 106698 I 243474 I 8722 I 11903 I 19750 I 15252 I	
I 12 PETROLEUM & COAL I 41475 I 11308 I 19682 I 10467 I 2853 I 415 I 7066 I 6 I	
I 13 NONMETAL MINERALS I 3510 I 203 I 37660 I 0 I 366 I 1030 I 614 I 7 I	
I 14 IRON & STEEL MAT. I 0 I 0 I 0 I 0 I 0 I 0 I 0 I 0 I	
I 15 IRON & STEEL PROD. I 224 I 3609 I 432 I 3004 I 902 I 14341 I 0 I 146 I	
I 16 NONFERROUS METALS I 12 I 0 I 1745 I 0 I 73 I 1623 I 0 I 1695 I	
I 17 FABRICATED METALS I 6901 I 2312 I 26477 I 6392 I 6563 I 10519 I 1140 I 27 I	
I 18 GENERAL MACHINERY I 12521 I 6048 I 14966 I 9857 I 2613 I 197 I 2514 I 3001 I	
I 19 ELECTRICAL MACH. I 1026 I 2268 I 939 I 2711 I 42 I 0 I 0 I 1105 I	
I 20 MOTOR VEHICLES I 0 I 0 I 0 I 0 I 0 I 0 I 0 I 0 I	
I 21 OTHER TRANSPORT I 17033 I 4193 I 2549 I 792 I 1403 I 56 I 0 I 57 I	
I 22 PRECISION INST. I 543 I 0 I 17 I 0 I 1 I 0 I 0 I 621 I	
I 23 MANUFACTURING NEC I 6729 I 132 I 8220 I 3671 I 14 I 3289 I 0 I 907 I	
I 24 CONSTRUCTION I 16962 I 5491 I 7091 I 4180 I 913 I 1548 I 1312 I 876 I	
I 25 EL, GAS, WATER I 6200 I 21437 I 19227 I 25133 I 4332 I 1439 I 33177 I 2279 I	
I 26 WHOLESALE, RETAIL I 38464 I 5435 I 119009 I 86135 I 19340 I 13552 I 15742 I 12316 I	
I 27 FIN, INS, ESTATE I 30821 I 4288 I 17179 I 19236 I 5561 I 2513 I 8959 I 7328 I	
I 28 REAL ESTATE RENT I 1728 I 607 I 2412 I 4188 I 282 I 2714 I 1423 I 950 I	
I 29 TRANSPORTATION I 25516 I 5443 I 61233 I 24055 I 13841 I 4204 I 19053 I 11256 I	
I 30 COMMUNICATION I 980 I 3600 I 5301 I 6642 I 778 I 1819 I 1597 I 4494 I	
I 31 PUBLIC ADMIN. I 0 I 0 I 0 I 0 I 0 I 0 I 0 I 0 I	
I 32 PUBLIC SERVICES I 411 I 576 I 1721 I 2990 I 610 I 477 I 2627 I 4953 I	
I 33 PRIVATE SERVICES I 4800 I 2264 I 30033 I 9579 I 1764 I 2044 I 2430 I 1783 I	
I 34 OFFICE SUPPLIES I 862 I 9933 I 1768 I 16919 I 1093 I 1202 I 2023 I 0 I	
I 35 PACKING MATERIALS I 0 I 0 I 919 I 8178 I 1198 I 11 I 7393 I 1421 I	
I 36 ACTIVITIES N.E.C. I 38722 I 10223 I 117448 I 40540 I 19713 I 1592 I 17537 I 3966 I	

I 101960S	I 01 AGRICU- I 02 MINING I 03 FOOD I 04 TEXTIL- I 05 LUMBER I 06 FURNI- I 07 PULP I 08 PRINT-
I I	I LTURE ETC. I I I I I AND WOOD I TURE ETC. I AND PAPER I ING, PUBL. I
I SUBTOTAL	I 1068865 I 127273 I 2713032 I 1836967 I 497654 I 113465 I 505421 I 215595 I

I I01960	I 09 LEATHER I & PRODUCTS	I 10 RUBBER I PRODUCTS	I 11 CHEMI- I CALS	I 12 PETROL- I EUM & COAL	I 13 NONMET- I AL MINERAL	I 14 IRON & I STEEL MAT.	I 15 IRON & I STEEL PROD	I 16 NONFER- I ROUS METAL
I 01 AGRICULTURE, ETC.	389	49552	84855	4001	1717	0	365	359
I 02 MINING	235	1587	57793	254712	69039	99312	2572	78472
I 03 FOOD PROCESSING	18582	0	20324	0	335	0	0	0
I 04 TEXTILES	4459	37843	2611	256	2583	79	270	110
I 05 LUMBER AND WOOD	92	0	836	1598	4410	0	436	145
I 06 FURNITURE, FIXTURE	0	0	0	0	0	0	0	0
I 07 PULP AND PAPER	206	1560	68549	1720	13770	0	0	0
I 08 PRINTING, PUBLISH.	94	445	1247	125	1410	405	433	224
I 09 LEATHER & PROD.	8035	0	208	0	0	0	0	0
I 10 RUBBER PRODUCTS	262	9795	600	12	13	463	1037	134
I 11 CHEMICALS	2108	25669	466115	7379	10676	7163	16552	1928
I 12 PETROLEUM & COAL	367	4646	54153	22075	23214	83889	24680	7507
I 13 NONMETAL MINERALS	82	2124	9080	348	40783	14430	7376	3127
I 14 IRON & STEEL MAT.	0	0	30	0	-47	540726	769446	-261
I 15 IRON & STEEL PROD	0	627	0	0	10783	0	447645	115
I 16 NONFERROUS METALS	0	0	11175	85	2895	4692	12418	166458
I 17 FABRICATED METALS	2066	2411	10450	2093	365	0	3746	468
I 18 GENERAL MACHINERY	40	3503	10431	3776	6380	5208	13519	3877
I 19 ELECTRICAL MACH.	53	0	7351	1787	781	2662	3905	1881
I 20 MOTOR VEHICLES	0	0	0	0	0	0	0	0
I 21 OTHER TRANSPORT	229	233	719	136	1184	1424	2178	518
I 22 PRECISION INST.	0	0	0	0	0	0	0	0
I 23 MANUFACTURING NEC	2050	3075	8563	1771	122	0	17	23
I 24 CONSTRUCTION	451	433	7754	2357	4426	1677	2988	1139
I 25 EL, GAS, WATER	327	3231	60691	3379	23392	33155	16291	13432
I 26 WHOLESALE, RETAIL	2759	9819	47041	4134	15665	26055	29179	11911
I 27 FIN, INS, ESTATE	475	2834	20655	7533	10529	2514	5984	3363
I 28 REAL ESTATE RENT	45	545	4099	2032	2450	593	1508	269
I 29 TRANSPORTATION	466	3232	41650	16461	26330	25484	18376	9004
I 30 COMMUNICATION	128	346	5878	1991	2808	3036	5501	1166
I 31 PUBLIC ADMIN.	0	0	0	0	0	0	0	0
I 32 PUBLIC SERVICES	27	1505	10998	1219	1410	1699	4062	146
I 33 PRIVATE SERVICES	241	1557	34269	1887	2845	1488	4268	1192
I 34 OFFICE SUPPLIES	0	833	12281	3132	4315	3755	8687	4537
I 35 PACKING MATERIALS	0	1983	7606	0	161	370	2808	1608
I 36 ACTIVITIES N.E.C.	1077	1953	63946	28902	26917	33644	8021	11587

I I01960S	I 09 LEATHER I & PRODUCTS	I 10 RUBBER I PRODUCTS	I 11 CHEMI- I CALS	I 12 PETROL- I EUM & COAL	I 13 NONMET- I AL MINERAL	I 14 IRON & I STEEL MAT.	I 15 IRON & I STEEL PROD	I 16 NONFER- I ROUS METAL
I SUBTOTAL	45347	171441	1131958	374951	311661	393923	1414768	324439

I I01960	I 17 FABRICA I TED METALS	I 18 GENERAL I MACHINERY	I 19 ELECTR- I ICAL MACH.	I 20 MOTOR I VEHICLES	I 21 OTHER I TRANSPORT	I 22 PRECI- I SION INST.	I 23 MANUFAC I TURING NEC	I 24 CONST- I RUCTION
I 01 AGRICULTURE, ETC.	742	0	981	0	-700	5165	12666	25936
I 02 MINING	554	332	631	84	653	133	1399	50073

I 36 ACTIVITIES N.E.C. I 1077 I 1953 I 65946 I 28902 I 26917 I 570 I 2808 I 1608 I
 I 33644 I 8021 I 11587 I

I I01960S	I 09 LEATHER I 10 RUBBER I 11 CHEMI- I 12 PETROL- I 13 NONMET- I 14 IRON & I 15 IRON & I 16 NONFER-
I I	I & PRODUCTS I PRODUCTS I CALS I EUM & COAL I AL MINERAL I STEEL MAT. I STEEL PROD I ROUS METAL I
I SUBTOTAL	I 45347 I 171441 I 1131958 I 374951 I 311661 I 393923 I 1414768 I 324439 I

I I01960	I 17 FABRICA I 18 GENERAL I 19 ELECTR- I 20 MOTOR I 21 OTHER I 22 PRECI- I 23 MANUFAC I 24 CONST-
I I	I TED METALS I MACHINERY I ICAL MACH. I VEHICLES I TRANSPORT I SION INST. I TURING NEC I RUCTION I
I 01 AGRICULTURE, ETC. I 742 I 0 I 981 I 0 I -700 I 5165 I 12666 I 25906 I	
I 02 MINING I 554 I 332 I 631 I 84 I 653 I 133 I 1599 I 50073 I	
I 03 FOOD PROCESSING I 0 I 0 I 0 I 0 I 0 I 9 I 1536 I 0 I	
I 04 TEXTILES I 1472 I 3906 I 4212 I 1134 I 4113 I 3630 I 2644 I 32962 I	
I 05 LUMBER AND WOOD I 2099 I 4300 I 577 I 714 I 13811 I 674 I 13200 I 340453 I	
I 06 FURNITURE, FIXTURE I 0 I 5333 I 7955 I 271 I 1138 I 0 I 0 I 36141 I	
I 07 PULP AND PAPER I 39 I 623 I 11411 I 754 I 364 I 3924 I 12279 I 10468 I	
I 08 PRINTING, PUBLISH. I 1035 I 1892 I 1811 I 441 I 393 I 367 I 672 I 2801 I	
I 09 LEATHER & PROD. I 40 I 1948 I 423 I 30 I 566 I 2015 I 2676 I 10 I	
I 10 RUBBER PRODUCTS I 1930 I 8236 I 12823 I 40681 I 51705 I 386 I 0 I 3509 I	
I 11 CHEMICALS I 7570 I 12212 I 28191 I 4230 I 15157 I 4367 I 90498 I 23928 I	
I 12 PETROLEUM & COAL I 4457 I 8859 I 10303 I 1704 I 3567 I 1039 I 4305 I 61109 I	
I 13 NONMETAL MINERALS I 2668 I 6468 I 24055 I 6595 I 2589 I 2717 I 2673 I 283235 I	
I 14 IRON & STEEL MAT. I 2582 I -6774 I -4462 I -2401 I -3894 I -1123 I 0 I 0 I	
I 15 IRON & STEEL PROD I 160264 I 283930 I 116875 I 60290 I 95128 I 11443 I 8500 I 231750 I	
I 16 NONFERROUS METALS I 65787 I 38499 I 150914 I 15099 I 15606 I 10374 I 8180 I 7645 I	
I 17 FABRICATED METALS I 17170 I 29754 I 10896 I 8180 I 17728 I 875 I 2369 I 264767 I	
I 18 GENERAL MACHINERY I 1695 I 309089 I 32216 I 37984 I 91527 I 7461 I 1399 I 102177 I	
I 19 ELECTRICAL MACH. I 908 I 64420 I 295798 I 19883 I 27279 I 1576 I 273 I 161991 I	
I 20 MOTOR VEHICLES I 0 I 0 I 0 I 99209 I 71577 I 0 I 0 I 0 I	
I 21 OTHER TRANSPORT I 587 I 3078 I 1867 I 180 I 104524 I 4 I 71 I 30914 I	
I 22 PRECISION INST. I 0 I 6823 I 8661 I 234 I 4096 I 27384 I 0 I 7491 I	
I 23 MANUFACTURING NEC I 1104 I 8892 I 23019 I 3389 I 6263 I 2561 I 12375 I 27965 I	
I 24 CONSTRUCTION I 3508 I 3744 I 3718 I 1582 I 2770 I 722 I 305 I 3046 I	
I 25 EL, GAS, WATER I 4601 I 14202 I 14235 I 4711 I 9359 I 2044 I 3547 I 8833 I	
I 26 WHOLESALE, RETAIL I 23475 I 48048 I 43729 I 14785 I 33203 I 8199 I 16883 I 157991 I	
I 27 FIN, INS, ESTATE I 4651 I 11537 I 18182 I 4858 I 7681 I 2793 I 4771 I 29396 I	
I 28 REAL ESTATE RENT I 1588 I 5586 I 4021 I 704 I 1293 I 1022 I 2306 I 8051 I	
I 29 TRANSPORTATION I 11302 I 23076 I 21300 I 7865 I 13700 I 3841 I 6336 I 119441 I	
I 30 COMMUNICATION I 3707 I 13609 I 6960 I 1860 I 3002 I 1561 I 5516 I 25953 I	
I 31 PUBLIC ADMIN. I 0 I 0 I 0 I 0 I 0 I 0 I 0 I 0 I	
I 32 PUBLIC SERVICES I 2952 I 1546 I 4471 I 211 I 544 I 1026 I 253 I 13568 I	
I 33 PRIVATE SERVICES I 1495 I 11209 I 27907 I 2674 I 4955 I 9232 I 4498 I 15104 I	
I 34 OFFICE SUPPLIES I 4648 I 20925 I 26001 I 4376 I 7048 I 2503 I 3170 I 15815 I	
I 35 PACKING MATERIALS I 1085 I 0 I 1465 I 0 I 0 I 101 I 6629 I 0 I	
I 36 ACTIVITIES N.E.C. I 17700 I 53359 I 47601 I 12922 I 21734 I 9824 I 18693 I 59430 I	

I I01960S	I 17 FABRICA I 18 GENERAL I 19 ELECTR- I 20 MOTOR I 21 OTHER I 22 PRECI- I 23 MANUFAC I 24 CONST-
I I	I TED METALS I MACHINERY I ICAL MACH. I VEHICLES I TRANSPORT I SION INST. I TURING NEC I RUCTION I
I SUBTOTAL	I 353915 I 1005661 I 958747 I 355233 I 628479 I 127849 I 252122 I 2166923 I

I 101960	I 25 EL,GAS, I WATER	I 26 WHOLES- I ALE,RETAIL	I 27 FIN, I INS,ESTATE	I 28 REAL ES I TATE RENT	I 29 TRANS- I PORTATION	I 30 COMMU- I NICATION	I 31 PUBLIC I ADMIN.	I 32 PUBLIC I SERVICES	I
I 01 AGRICULTURE, ETC.	I 65	I 0	I 17	I 42	I 0	I 0	I 0	I 7918	I
I 02 MINING	I 87888	I 0	I 378	I 0	I 14453	I 85	I 0	I 3640	I
I 03 FOOD PROCESSING	I 0	I 2082	I 0	I 0	I 0	I 0	I 0	I 14254	I
I 04 TEXTILES	I 373	I 559	I 383	I 3	I 7099	I 954	I 0	I 1199	I
I 05 LUMBER AND WOOD	I 0	I 601	I 0	I 0	I 285	I 0	I 0	I 263	I
I 06 FURNITURE, FIXTURE	I 361	I 523	I 30	I 8	I 607	I 107	I 0	I 3970	I
I 07 PULP AND PAPER	I 258	I 0	I 58	I 31	I 267	I 513	I 0	I 5109	I
I 08 PRINTING, PUBLISH.	I 392	I 11801	I 13378	I 10	I 1447	I 4156	I 0	I 19930	I
I 09 LEATHER & PROD.	I 0	I 0	I 0	I 0	I 0	I 123	I 0	I 0	I
I 10 RUBBER PRODUCTS	I 14	I 0	I 0	I 0	I 1290	I 165	I 0	I 3764	I
I 11 CHEMICALS	I 1501	I 0	I 0	I 0	I 1384	I 545	I 0	I 60486	I
I 12 PETROLEUM & COAL	I 19667	I 49656	I 1590	I 233	I 129080	I 1294	I 0	I 6430	I
I 13 NONMETAL MINERALS	I 1007	I 446	I 0	I 0	I 218	I 0	I 0	I 1695	I
I 14 IRON & STEEL MAT.	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I
I 15 IRON & STEEL PROD	I 0	I 0	I 0	I 0	I 14	I 0	I 0	I 0	I
I 16 NONFERROUS METALS	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 1059	I
I 17 FABRICATED METALS	I 569	I 9398	I 66	I 0	I 2879	I 41	I 0	I 1510	I
I 18 GENERAL MACHINERY	I 2811	I 288	I 192	I 1	I 2202	I 110	I 0	I 1226	I
I 19 ELECTRICAL MACH.	I 30002	I 0	I 0	I 0	I 222	I 1032	I 0	I 1415	I
I 20 MOTOR VEHICLES	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I
I 21 OTHER TRANSPORT	I 1183	I 32952	I 446	I 12	I 120231	I 859	I 0	I 2494	I
I 22 PRECISION INST.	I 1635	I 0	I 0	I 0	I 582	I 31	I 0	I 13107	I
I 23 MANUFACTURING NEC	I 0	I 0	I 0	I 0	I 90	I 175	I 0	I 10026	I
I 24 CONSTRUCTION	I 25653	I 27460	I 87561	I 10169	I 11812	I 2179	I 0	I 16351	I
I 25 EL, GAS, WATER	I 8345	I 22949	I 7574	I 849	I 24308	I 2525	I 0	I 18063	I
I 26 WHOLESALE, RETAIL	I 3338	I 48655	I 720	I 59	I 16258	I 660	I 0	I 33490	I
I 27 FIN, INS, ESTATE	I 6417	I 116363	I 36154	I 3254	I 24396	I 2078	I 0	I 16521	I
I 28 REAL ESTATE RENT	I 3415	I 58340	I 29848	I 0	I 15522	I 1893	I 0	I 6495	I
I 29 TRANSPORTATION	I 21168	I 68536	I 11390	I 9	I 80336	I 6255	I 0	I 24583	I
I 30 COMMUNICATION	I 2640	I 33932	I 22663	I 69	I 13694	I 1060	I 0	I 19979	I
I 31 PUBLIC ADMIN.	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I
I 32 PUBLIC SERVICES	I 1089	I 1418	I 3907	I 22	I 1250	I 133	I 0	I 4461	I
I 33 PRIVATE SERVICES	I 7084	I 57817	I 20212	I 382	I 12476	I 625	I 0	I 5389	I
I 34 OFFICE SUPPLIES	I 4199	I 45103	I 13893	I 0	I 13298	I 464	I 0	I 1154	I
I 35 PACKING MATERIALS	I 395	I 43988	I 0	I 0	I 0	I 0	I 0	I 135	I
I 36 ACTIVITIES N.E.C.	I 10110	I 41196	I 34984	I 32	I 60485	I 23366	I 0	I 0	I

I 101960S	I 25 EL,GAS, I WATER	I 26 WHOLES- I ALE,RETAIL	I 27 FIN, I INS,ESTATE	I 28 REAL ES I TATE RENT	I 29 TRANS- I PORTATION	I 30 COMMU- I NICATION	I 31 PUBLIC I ADMIN.	I 32 PUBLIC I SERVICES	I
I SUBTOTAL	I 241584	I 674063	I 285444	I 15185	I 556185	I 51428	I 0	I 306166	I

I 101950	I 33 PRIVATE I SERVICES	I 34 OFFICE I SUPPLIES	I 35 PACKING I MATERIALS	I 36 ACTIVI- I TIES NEC	I 100UT60	I INTERMED. I DEMAND	I
I 01 AGRICULTURE, ETC.	I 57748	I 0	I 260	I 20632	I 01 AGRICULTURE, ETC.	I 3007105	I
I 02 MINING	I 2618	I 0	I 0	I 3084	I 02 MINING	I 762282	I

I 36 ACTIVITIES N.E.C. I	10110 I	41196 I	34784 I	32 I	60485 I	23366 I	0 I	135 I
I 101960S I	I 25 EL, GAS, I	I 26 WHOLES- I	I 27 FIN, I	I 28 REAL ES I	I 29 TRANS- I	I 30 COMMU- I	I 31 PUBLIC I	I 32 PUBLIC I
I I	I WATER I	I ALE, RETAIL I	I INS, ESTATE I	I TATE RENT I	I PORTATION I	I NICATION I	I ADMIN. I	I SERVICES I
I SUBTOTAL I	I 241584 I	I 674063 I	I 285444 I	I 15185 I	I 556185 I	I 51428 I	I 0 I	I 306166 I

I 101960 I	I 33 PRIVATE I	I 34 OFFICE I	I 35 PACKING I	I 36 ACTIVI- I	I 100UT60 I	I INTERMED. I
I I	I SERVICES I	I SUPPLIES I	I MATERIALS I	I TIES NEC I	I I	I DEMAND I
I 01 AGRICULTURE, ETC. I	I 57748 I	I 0 I	I 263 I	I 20632 I	I 01 AGRICULTURE, ETC. I	I 3007105 I
I 02 MINING I	I 2618 I	I 0 I	I 0 I	I 3084 I	I 02 MINING I	I 762282 I
I 03 FOOD PROCESSING I	I 221775 I	I 0 I	I 0 I	I 32764 I	I 03 FOOD PROCESSING I	I 969485 I
I 04 TEXTILES I	I 4203 I	I 1257 I	I 5446 I	I 74695 I	I 04 TEXTILES I	I 1192626 I
I 05 LUMBER AND WOOD I	I 5490 I	I 1000 I	I 22153 I	I 17416 I	I 05 LUMBER AND WOOD I	I 556299 I
I 06 FURNITURE, FIXTURE I	I 4048 I	I 27610 I	I 0 I	I 8512 I	I 06 FURNITURE, FIXTURE I	I 98419 I
I 07 PULP AND PAPER I	I 3017 I	I 32057 I	I 42947 I	I 32744 I	I 07 PULP AND PAPER I	I 651225 I
I 08 PRINTING, PUBLISH. I	I 81069 I	I 81567 I	I 0 I	I 1496 I	I 08 PRINTING, PUBLISH. I	I 286066 I
I 09 LEATHER & PROD. I	I 143 I	I 0 I	I 0 I	I 5761 I	I 09 LEATHER & PROD. I	I 37270 I
I 10 RUBBER PRODUCTS I	I 1607 I	I 0 I	I 0 I	I 13389 I	I 10 RUBBER PRODUCTS I	I 161977 I
I 11 CHEMICALS I	I 23197 I	I 700 I	I 0 I	I 67793 I	I 11 CHEMICALS I	I 1446307 I
I 12 PETROLEUM & COAL I	I 13596 I	I 0 I	I 0 I	I 32987 I	I 12 PETROLEUM & COAL I	I 663679 I
I 13 NONMETAL MINERALS I	I 4228 I	I 1536 I	I 0 I	I 20334 I	I 13 NONMETAL MINERALS I	I 486204 I
I 14 IRON & STEEL MAT. I	I 0 I	I 0 I	I 0 I	I 5355 I	I 14 IRON & STEEL MAT. I	I 1299177 I
I 15 IRON & STEEL PROD I	I 0 I	I 0 I	I 692 I	I 117287 I	I 15 IRON & STEEL PROD I	I 1568101 I
I 16 NONFERROUS METALS I	I 0 I	I 0 I	I 0 I	I 3942 I	I 16 NONFERROUS METALS I	I 519976 I
I 17 FABRICATED METALS I	I 6591 I	I 309 I	I 192 I	I 13932 I	I 17 FABRICATED METALS I	I 469156 I
I 18 GENERAL MACHINERY I	I 3334 I	I 4162 I	I 0 I	I 24263 I	I 18 GENERAL MACHINERY I	I 720738 I
I 19 ELECTRICAL MACH. I	I 6689 I	I 0 I	I 0 I	I 69924 I	I 19 ELECTRICAL MACH. I	I 707925 I
I 20 MOTOR VEHICLES I	I 0 I	I 0 I	I 0 I	I 0 I	I 20 MOTOR VEHICLES I	I 170786 I
I 21 OTHER TRANSPORT I	I 1630 I	I 0 I	I 9 I	I 38280 I	I 21 OTHER TRANSPORT I	I 372025 I
I 22 PRECISION INST. I	I 16551 I	I 10550 I	I 0 I	I 5195 I	I 22 PRECISION INST. I	I 103522 I
I 23 MANUFACTURING NEC I	I 12913 I	I 11807 I	I 2733 I	I 5040 I	I 23 MANUFACTURING NEC I	I 166935 I
I 24 CONSTRUCTION I	I 15115 I	I 0 I	I 0 I	I 16070 I	I 24 CONSTRUCTION I	I 292913 I
I 25 EL, GAS, WATER I	I 35622 I	I 0 I	I 0 I	I 9793 I	I 25 EL, GAS, WATER I	I 458782 I
I 26 WHOLESALE, RETAIL I	I 27654 I	I 55634 I	I 10739 I	I 28732 I	I 26 WHOLESALE, RETAIL I	I 1028908 I
I 27 FIN, INS, ESTATE I	I 17559 I	I 0 I	I 0 I	I 58605 I	I 27 FIN, INS, ESTATE I	I 515233 I
I 28 REAL ESTATE RENT I	I 34083 I	I 0 I	I 0 I	I 7 I	I 28 REAL ESTATE RENT I	I 200019 I
I 29 TRANSPORTATION I	I 18024 I	I 2732 I	I 3803 I	I 53710 I	I 29 TRANSPORTATION I	I 809061 I
I 30 COMMUNICATION I	I 19091 I	I 0 I	I 0 I	I 17913 I	I 30 COMMUNICATION I	I 236274 I
I 31 PUBLIC ADMIN. I	I 0 I	I 0 I	I 0 I	I 0 I	I 31 PUBLIC ADMIN. I	I 0 I
I 32 PUBLIC SERVICES I	I 4129 I	I 0 I	I 0 I	I -260 I	I 32 PUBLIC SERVICES I	I 76151 I
I 33 PRIVATE SERVICES I	I 105529 I	I 0 I	I 0 I	I 4115 I	I 33 PRIVATE SERVICES I	I 393147 I
I 34 OFFICE SUPPLIES I	I 9417 I	I 0 I	I 0 I	I -551 I	I 34 OFFICE SUPPLIES I	I 242503 I
I 35 PACKING MATERIALS I	I 6 I	I 0 I	I 0 I	I 1372 I	I 35 PACKING MATERIALS I	I 88332 I
I 36 ACTIVITIES N.E.C. I	I 60142 I	I 16341 I	I 0 I	I 0 I	I 36 ACTIVITIES N.E.C. I	I 923707 I

I 101960S I	I 33 PRIVATE I	I 34 OFFICE I	I 35 PACKING I	I 36 ACTIVI- I	I 100UT60S I	I INTERMED. I
I I	I SERVICES I	I SUPPLIES I	I MATERIALS I	I TIES NEC I	I I	I DEMAND I
I SUBTOTAL I	I 816818 I	I 247312 I	I 88965 I	I 804331 I	I SUBTOTAL I	I 21683170 I

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I 101955	I 01 AGRICULTURE ETC.	I 02 MINING	I 03 FOOD PROCESSING	I 04 TEXTILES	I 05 LUMBER AND WOOD	I 06 FURNITURE ETC.	I 07 PULP AND PAPER	I 08 PRINTING, PUBL.
I 01 AGRICULTURE, ETC.	551124	7540	2453603	376214	558274	714	43478	0
I 02 MINING	217	3932	4671	1339	11	5	9627	0
I 03 FOOD PROCESSING	309296	0	695259	8912	2425	0	1633	13
I 04 TEXTILES	54140	1207	3785	1350485	2508	18732	5217	5449
I 05 LUMBER AND WOOD	6222	1154	23821	2746	135379	80077	41477	744
I 06 FURNITURE, FIXTURE	113	0	12	0	0	2753	0	0
I 07 PULP AND PAPER	7533	1	60398	3785	4925	5922	513534	198763
I 08 PRINTING, PUBLIS.	240	1330	11599	7187	490	730	68674	36887
I 09 LEATHER & PROD.	16	0	0	28400	0	67	21	365
I 10 RUBBER PRODUCTS	2957	1281	1190	11391	183	1885	516	839
I 11 CHEMICALS	216476	8391	194876	399844	22039	17746	34703	22929
I 12 PETROLEUM & COAL	71487	33204	28325	12470	6415	2533	12684	250
I 13 NONMETAL MINERALS	8361	81	57685	0	715	2974	965	15
I 14 IRON & STEEL MAT.	0	418	0	0	0	0	0	0
I 15 IRON & STEEL PROD	161	3941	0	2000	1351	19322	0	0
I 16 NONFERROUS METALS	22	0	4378	185	629	3975	0	4227
I 17 FABRICATED METALS	10055	4124	61243	14815	4904	36892	1386	181
I 18 GENERAL MACHINERY	27376	7976	15880	15379	5102	1444	4698	5240
I 19 ELECTRICAL MACH.	1220	5370	1175	4204	83	0	0	2025
I 20 MOTOR VEHICLES	0	0	0	0	0	0	0	0
I 21 OTHER TRANSPORT	24251	7647	6283	1786	2506	214	327	349
I 22 PRECISION INST.	548	0	4	0	0	0	0	1736
I 23 MANUFACTURING NEC	12320	473	26708	9798	1996	12635	0	5329
I 24 CONSTRUCTION	26511	6151	11604	6771	2110	2667	2350	2943
I 25 EL, GAS, WATER	9072	22657	35829	36832	9046	4741	46671	5639
I 26 WHOLESALE, RETAIL	79607	9452	210673	160931	43175	34618	33855	27797
I 27 FIN, INS, ESTATE	69336	8312	27961	48958	11937	7137	30395	11137
I 28 REAL ESTATE RENT	3038	1037	4659	7653	1411	5094	3730	2027
I 29 TRANSPORTATION	64811	8169	108078	70208	22223	10161	34647	21168
I 30 COMMUNICATION	1633	4573	7256	15544	1901	2467	5579	16108
I 31 PUBLIC ADMIN.	0	0	0	0	0	0	0	0
I 32 PUBLIC SERVICES	582	861	2707	4422	850	636	4210	8314
I 33 PRIVATE SERVICES	6444	3719	56845	21480	4225	6533	6846	5964
I 34 OFFICE SUPPLIES	1523	10067	8837	25241	2049	3316	12105	6198
I 35 PACKING MATERIALS	374	0	566	40899	1143	36	9915	3056
I 36 ACTIVITIES N.E.C.	87149	2519	141833	16152	943	1424	7016	15531

I 101955S	I 01 AGRICULTURE ETC.	I 02 MINING	I 03 FOOD PROCESSING	I 04 TEXTILES	I 05 LUMBER AND WOOD	I 06 FURNITURE ETC.	I 07 PULP AND PAPER	I 08 PRINTING, PUBL.
I SUBTOTAL	1655030	165537	4267743	2706031	850948	287500	936759	411223

I 101965	I 09 LEATHER & PRODUCTS	I 10 RUBBER PRODUCTS	I 11 CHEMICALS	I 12 PETROLEUM & COAL	I 13 NONMETAL MINERAL	I 14 IRON & STEEL MAT.	I 15 IRON & STEEL PROD	I 16 NONFERROUS METAL
I 01 AGRICULTURE, ETC.	1355	33349	152509	5027	1369	223	205	51
I 02 MINING	0	1126	64337	541454	93914	214670	4924	143504
I 03 FOOD PROCESSING	27336	0	59837	379	425	0	13	3

I 36 ACTIVITIES N.E.C. I 47149 I 2519 I 141833 I 40899 I 1143 I 36 I 9915 I 3056 I
 I 1424 I 7016 I 15531 I

I 101965S	I 01 AGRICU- I LTURE ETC. I	I 02 MINING	I 03 FOOD I PROCESSING	I 04 TEXTIL- I ES	I 05 LUMBER I AND WOOD	I 06 FURNI- I TURE ETC. I	I 07 PULP I AND PAPER	I 08 PRINT- I ING, PUBL. I
I SUBTOTAL	I 1655030 I	I 165537 I	I 4267743 I	I 2706031 I	I 850948 I	I 287500 I	I 936759 I	I 411223 I

I 101965	I 09 LEATHER I & PRODUCTS	I 10 RUBBER I PRODUCTS	I 11 CHEMI- I CALS	I 12 PETROL- I EUM & COAL	I 13 NONMET- I AL MINERAL	I 14 IRON & I STEEL MAT. I	I 15 IRON & I STEEL PROD	I 16 NONFER- I ROUS METAL I
I 01 AGRICULTURE, ETC. I	I 1355 I	I 33349 I	I 132509 I	I 5027 I	I 1369 I	I 223 I	I 205 I	I 51 I
I 02 MINING I	I 0 I	I 1126 I	I 64337 I	I 541454 I	I 93914 I	I 214670 I	I 4924 I	I 143504 I
I 03 FOOD PROCESSING I	I 27334 I	I 0 I	I 39837 I	I 329 I	I 425 I	I 0 I	I 13 I	I 3 I
I 04 TEXTILES I	I 8180 I	I 53212 I	I 4187 I	I 200 I	I 5304 I	I 197 I	I 926 I	I 258 I
I 05 LUMBER AND WOOD I	I 33 I	I 3 I	I 2105 I	I 2233 I	I 7605 I	I 0 I	I 6508 I	I 1738 I
I 06 FURNITURE, FIXTURE I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I
I 07 PULP AND PAPER I	I 100 I	I 4509 I	I 118221 I	I 3090 I	I 23820 I	I 0 I	I 1 I	I 2 I
I 08 PRINTING, PUBLISH. I	I 175 I	I 731 I	I 2215 I	I 225 I	I 2705 I	I 659 I	I 737 I	I 382 I
I 09 LEATHER & PROD. I	I 16042 I	I 0 I	I 289 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I
I 10 RUBBER PRODUCTS I	I 1538 I	I 23090 I	I 3170 I	I 49 I	I 19 I	I 592 I	I 2142 I	I 169 I
I 11 CHEMICALS I	I 1722 I	I 59485 I	I 889708 I	I 10361 I	I 17292 I	I 11434 I	I 17464 I	I 3493 I
I 12 PETROLEUM & COAL I	I 249 I	I 4221 I	I 118003 I	I 32941 I	I 53108 I	I 157917 I	I 41468 I	I 10040 I
I 13 NONMETAL MINERALS I	I 38 I	I 1773 I	I 15060 I	I 468 I	I 99598 I	I 25212 I	I 4731 I	I 4548 I
I 14 IRON & STEEL MAT. I	I 0 I	I 0 I	I 49 I	I 0 I	I -103 I	I 763856 I	I 1045906 I	I 40 I
I 15 IRON & STEEL PROD I	I 0 I	I 2131 I	I 0 I	I 0 I	I 15561 I	I 0 I	I 747294 I	I 0 I
I 16 NONFERROUS METALS I	I 0 I	I 0 I	I 19296 I	I 118 I	I 3044 I	I 12909 I	I 22072 I	I 260526 I
I 17 FABRICATED METALS I	I 3264 I	I 7340 I	I 22481 I	I 5586 I	I 3622 I	I 38 I	I 5242 I	I 1561 I
I 18 GENERAL MACHINERY I	I 75 I	I 3806 I	I 24728 I	I 7375 I	I 15829 I	I 9654 I	I 31885 I	I 4735 I
I 19 ELECTRICAL MACH. I	I 90 I	I 0 I	I 16001 I	I 3649 I	I 2270 I	I 3622 I	I 5663 I	I 3322 I
I 20 MOTOR VEHICLES I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I
I 21 OTHER TRANSPORT I	I 519 I	I 529 I	I 3279 I	I 430 I	I 3384 I	I 3248 I	I 5121 I	I 793 I
I 22 PRECISION INST. I	I 0 I	I 0 I	I 15 I	I 0 I	I 2 I	I 0 I	I 0 I	I 0 I
I 23 MANUFACTURING NEC I	I 4218 I	I 8257 I	I 23039 I	I 3077 I	I 314 I	I 0 I	I 24 I	I 92 I
I 24 CONSTRUCTION I	I 780 I	I 727 I	I 14112 I	I 2883 I	I 5684 I	I 2864 I	I 4711 I	I 1724 I
I 25 EL, GAS, WATER I	I 578 I	I 7179 I	I 111896 I	I 5143 I	I 41390 I	I 60837 I	I 38774 I	I 30029 I
I 26 WHOLESALE, RETAIL I	I 5959 I	I 16023 I	I 97394 I	I 7709 I	I 35167 I	I 53196 I	I 54403 I	I 19669 I
I 27 FIN, INS, ESTATE I	I 1577 I	I 7041 I	I 67942 I	I 18837 I	I 30266 I	I 11436 I	I 23324 I	I 12354 I
I 28 REAL ESTATE RENT I	I 89 I	I 935 I	I 11194 I	I 4492 I	I 4058 I	I 2537 I	I 4972 I	I 413 I
I 29 TRANSPORTATION I	I 1179 I	I 7014 I	I 73903 I	I 30906 I	I 42609 I	I 39578 I	I 35775 I	I 23640 I
I 30 COMMUNICATION I	I 326 I	I 2042 I	I 12317 I	I 4183 I	I 4717 I	I 4494 I	I 12301 I	I 1786 I
I 31 PUBLIC ADMIN. I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I
I 32 PUBLIC SERVICES I	I 40 I	I 2244 I	I 16710 I	I 2432 I	I 3018 I	I 2371 I	I 5921 I	I 361 I
I 33 PRIVATE SERVICES I	I 487 I	I 4690 I	I 73644 I	I 2526 I	I 5603 I	I 2105 I	I 6719 I	I 1306 I
I 34 OFFICE SUPPLIES I	I 46 I	I 1341 I	I 23019 I	I 4788 I	I 10151 I	I 1908 I	I 4675 I	I 2437 I
I 35 PACKING MATERIALS I	I 100 I	I 3181 I	I 8213 I	I 274 I	I 8456 I	I 202 I	I 4940 I	I 1862 I
I 36 ACTIVITIES N.E.C. I	I 1443 I	I 5205 I	I 64815 I	I 23392 I	I 25613 I	I 9371 I	I 54588 I	I 9891 I

I 101965S	I 09 LEATHER I & PRODUCTS	I 10 RUBBER I PRODUCTS	I 11 CHEMI- I CALS	I 12 PETROL- I EUM & COAL	I 13 NONMET- I AL MINERAL	I 14 IRON & I STEEL MAT. I	I 15 IRON & I STEEL PROD	I 16 NONFER- I ROUS METAL I
I SUBTOTAL	I 77541 I	I 261184 I	I 2073693 I	I 724227 I	I 566296 I	I 1400130 I	I 2204029 I	I 537729 I

I 36 ACTIVITIES N.E.C.	I 25744	I 53360	I 2194	I 6121	I 13670	I 11345	I 219	I 18487	I 15710	I 121204
I 101955	I 17 FABRICA	I 18 GENERAL	I 19 ELECTR-	I 20 MOTOR	I 21 OTHER	I 22 PRECI-	I 23 MANUFAC	I 24 CONST-		
I	I TED METALS	I MACHINERY	I ICAL MACH.	I VEHICLES	I TRANSPORT	I SION INST.	I TURING NEC	I RUCTION		
I SUBTOTAL	I 745779	I .1662888	I 1552089	I 1073736	I 1013000	I 285213	I 575041	I 4194252		

I 101965	I 25 EL,GAS,	I 26 WHOLES-	I 27 FIN,	I 28 REAL ES	I 29 TRANS-	I 30 COMMU-	I 31 PUBLIC	I 32 PUBLIC		
I	I WATER	I ALE,RETAIL	I INS,ESTATE	I TATE RENT	I PORTATION	I NICATION	I ADMIN.	I SERVICES		
I 01 AGRICULTURE, ETC.	I 36	I 0	I 18	I 8	I 0	I 0	I 0	I 16189		
I 02 MINING	I 97094	I 0	I 118	I 0	I 7716	I 73	I 0	I 2324		
I 03 FOOD PROCESSING	I 0	I 2763	I 0	I 0	I 0	I 0	I 0	I 35683		
I 04 TEXTILES	I 1036	I 8518	I 1134	I 5	I 17563	I 1632	I 0	I 3179		
I 05 LUMBER AND WOOD	I 37	I 9296	I 0	I 0	I 791	I 0	I 0	I 740		
I 06 FURNITURE, FIXTURE	I 1048	I 1609	I 126	I 19	I 1574	I 254	I 0	I 15308		
I 07 PULP AND PAPER	I 842	I 36500	I 155	I 56	I 2186	I 814	I 0	I 11755		
I 08 PRINTING, PUBLISH.	I 766	I 25840	I 30805	I 29	I 3287	I 5776	I 0	I 45620		
I 09 LEATHER & PROD.	I 2	I 200	I 0	I 0	I 42	I 200	I 0	I 0		
I 10 RUBBER PRODUCTS	I 175	I 0	I 0	I 0	I 1714	I 57	I 0	I 9409		
I 11 CHEMICALS	I 5257	I 0	I 0	I 0	I 792	I 0	I 0	I 230486		
I 12 PETROLEUM & COAL	I 82071	I 119717	I 3628	I 490	I 236933	I 1569	I 0	I 13925		
I 13 NONMETAL MINERALS	I 1219	I 6020	I 0	I 0	I 183	I 0	I 0	I 4940		
I 14 IRON & STEEL MAT.	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0		
I 15 IRON & STEEL PROD	I 0	I 0	I 0	I 0	I 39	I 0	I 0	I 0		
I 16 NONFERROUS METALS	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 3682		
I 17 FABRICATED METALS	I 1294	I 36337	I 123	I 0	I 4291	I 0	I 0	I 3474		
I 18 GENERAL MACHINERY	I 5349	I 559	I 267	I 1	I 12336	I 200	I 0	I 2756		
I 19 ELECTRICAL MACH.	I 35073	I 0	I 0	I 0	I 1089	I 2238	I 0	I 3294		
I 20 MOTOR VEHICLES	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0		
I 21 OTHER TRANSPORT	I 3146	I 120944	I 974	I 30	I 312301	I 1509	I 0	I 5691		
I 22 PRECISION INST.	I 2761	I 0	I 0	I 1	I 1456	I 51	I 0	I 23147		
I 23 MANUFACTURING NEC	I 0	I 3579	I 0	I 0	I 379	I 14	I 0	I 29451		
I 24 CONSTRUCTION	I 43957	I 51750	I 245431	I 21014	I 21515	I 3439	I 0	I 35832		
I 25 EL, GAS, WATER	I 21207	I 65109	I 15563	I 1549	I 43486	I 4707	I 0	I 40407		
I 26 WHOLESALE, RETAIL	I 10578	I 115438	I 1556	I 142	I 29015	I 1073	I 0	I 93045		
I 27 FIN, INS, ESTATE	I 12824	I 359687	I 102600	I 6075	I 51474	I 6256	I 0	I 45736		
I 28 REAL ESTATE RENT	I 7956	I 143937	I 71732	I 0	I 31909	I 3691	I 0	I 16800		
I 29 TRANSPORTATION	I 30559	I 219443	I 35462	I 27	I 212013	I 17554	I 0	I 51036		
I 30 COMMUNICATION	I 4428	I 90134	I 48843	I 139	I 28432	I 2218	I 0	I 43985		
I 31 PUBLIC ADMIN.	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0		
I 32 PUBLIC SERVICES	I 5915	I 6505	I 11490	I 33	I 2563	I 200	I 0	I 6716		
I 33 PRIVATE SERVICES	I 15294	I 174000	I 49811	I 637	I 20849	I 1099	I 0	I 9881		
I 34 OFFICE SUPPLIES	I 9189	I 100953	I 29484	I 0	I 21112	I 947	I 0	I 3563		
I 35 PACKING MATERIALS	I 15	I 5294	I 2	I 0	I 4560	I 0	I 0	I 760		
I 36 ACTIVITIES N.E.C.	I 29314	I 47119	I 56179	I 13	I 15495	I 2312	I 0	I 27666		

I 101965	I 25 EL,GAS,	I 26 WHOLES-	I 27 FIN,	I 28 REAL ES	I 29 TRANS-	I 30 COMMU-	I 31 PUBLIC	I 32 PUBLIC		
I	I WATER	I ALE,RETAIL	I INS,ESTATE	I TATE RENT	I PORTATION	I NICATION	I ADMIN.	I SERVICES		
I SUBTOTAL	I 428942	I 1756251	I 705506	I 30268	I 1087295	I 57953	I 0	I 846480		

I 101965	I 33 PRIVATE SERVICES	I 34 OFFICE SUPPLIES	I 35 PACKING MATERIALS	I 36 ACTIVITIES NEC	I 100UT65	I INTERMED. DEMAND
I 01 AGRICULTURE, ETC.	110728	0	371	97995	I 01 AGRICULTURE, ETC.	4441892
I 02 MINING	1434	0	0	-9369	I 02 MINING	1350511
I 03 FOOD PROCESSING	448829	0	0	30124	I 03 FOOD PROCESSING	1606866
I 04 TEXTILES	9327	2863	8432	77701	I 04 TEXTILES	1765372
I 05 LUMBER AND WOOD	7619	1877	34710	7982	I 05 LUMBER AND WOOD	1018872
I 06 FURNITURE, FIXTURE	9260	49867	0	57374	I 06 FURNITURE, FIXTURE	270121
I 07 PULP AND PAPER	4722	51585	67255	42661	I 07 PULP AND PAPER	1253689
I 08 PRINTING, PUBLISH.	167648	177204	0	6068	I 08 PRINTING, PUBLISH.	618316
I 09 LEATHER & PROD.	0	0	0	1065	I 09 LEATHER & PROD.	59014
I 10 RUBBER PRODUCTS	436	0	0	15182	I 10 RUBBER PRODUCTS	258687
I 11 CHEMICALS	30183	1216	0	49752	I 11 CHEMICALS	2594711
I 12 PETROLEUM & COAL	32822	0	0	34307	I 12 PETROLEUM & COAL	1304521
I 13 NONMETAL MINERALS	6841	1480	0	20354	I 13 NONMETAL MINERALS	939565
I 14 IRON & STEEL MAT.	0	0	0	1489	I 14 IRON & STEEL MAT.	1769668
I 15 IRON & STEEL PROD	0	0	1083	27122	I 15 IRON & STEEL PROD	2280138
I 16 NONFERROUS METALS	0	0	0	12653	I 16 NONFERROUS METALS	841202
I 17 FABRICATED METALS	14579	1331	300	36073	I 17 FABRICATED METALS	1089840
I 18 GENERAL MACHINERY	6067	4667	0	38812	I 18 GENERAL MACHINERY	1273198
I 19 ELECTRICAL MACH.	11747	0	0	74660	I 19 ELECTRICAL MACH.	1214709
I 20 MOTOR VEHICLES	0	0	0	14242	I 20 MOTOR VEHICLES	522894
I 21 OTHER TRANSPORT	4204	0	0	14335	I 21 OTHER TRANSPORT	753335
I 22 PRECISION INST.	19579	34477	0	13879	I 22 PRECISION INST.	217633
I 23 MANUFACTURING NEC	24270	27563	4280	14614	I 23 MANUFACTURING NEC	467008
I 24 CONSTRUCTION	23451	0	0	33	I 24 CONSTRUCTION	572841
I 25 EL, GAS, WATER	73244	0	0	22796	I 25 EL, GAS, WATER	897816
I 26 WHOLESALE, RETAIL	57761	95544	14739	6521	I 26 WHOLESALE, RETAIL	2152480
I 27 FIN, INS, ESTATE	61110	0	0	67832	I 27 FIN, INS, ESTATE	1371962
I 28 REAL ESTATE RENT	55662	0	0	10	I 28 REAL ESTATE RENT	460754
I 29 TRANSPORTATION	40536	7635	5773	24470	I 29 TRANSPORTATION	1706052
I 30 COMMUNICATION	45116	0	0	28830	I 30 COMMUNICATION	499539
I 31 PUBLIC ADMIN.	0	0	0	0	I 31 PUBLIC ADMIN.	0
I 32 PUBLIC SERVICES	8292	0	0	9856	I 32 PUBLIC SERVICES	147783
I 33 PRIVATE SERVICES	134127	0	0	19328	I 33 PRIVATE SERVICES	856609
I 34 OFFICE SUPPLIES	17923	0	0	-496	I 34 OFFICE SUPPLIES	450217
I 35 PACKING MATERIALS	323	0	0	17473	I 35 PACKING MATERIALS	136677
I 36 ACTIVITIES N.E.C.	69512	3655	0	0	I 36 ACTIVITIES N.E.C.	997238

I 101965	I 33 PRIVATE SERVICES	I 34 OFFICE SUPPLIES	I 35 PACKING MATERIALS	I 36 ACTIVITIES NEC	I 100UT65	I INTERMED. DEMAND
I SUBTOTAL	1547752	460964	136943	875728	I SUBTOTAL	38161730

1-5 Interindustry transaction, 1970

(current prices, billion yen)

I 101970	I 01 AGRICULTURE ETC.	I 02 MINING	I 03 FOOD PROCESSING	I 04 TEXTILES	I 05 LUMBER AND WOOD	I 06 FURNITURE ETC.	I 07 PULP AND PAPER	I 08 PRINTING, PUBL.
I 01 AGRICULTURE, ETC.	910.942	3.773	3766.572	450.032	1036.926	0.140	46.282	0
I 02 MINING	0.260	3.869	3.470	0.706	0.026	0	11.658	0
I 03 FOOD PROCESSING	559.568	0	1213.757	8.705	4.249	0	2.047	0.013

I 36 ACTIVITIES N.E.C. I	89512 I	5655 I	0 I	17475 I
I 101965S	I 33 PRIVATE I SERVICES	I 34 OFFICE I SUPPLIES	I 35 PACKING I MATERIALS	I 36 ACTIVI- I TIES NEC I
I SUBTOTAL	I 1547752 I	I 460964 I	I 136943 I	I 875728 I

I 36 ACTIVITIES N.E.C. I	136677 I	997238 I
I 100UT65S	I INTERMED. I DEMAND I	I
I SUBTOTAL	I 38161730 I	I

1-5 Interindustry transaction, 1970

(current prices, billion yen)

I 101970 I	I 01 AGRICU- I LTURE ETC. I	I 02 MINING I	I 03 FOOD I PROCESSING I	I 04 TEXTIL- I ES I	I 05 LUMBER I AND WOOD I	I 06 FURNI- I TURE ETC. I	I 07 PULP I AND PAPER I	I 08 PRINT- I ING, PUBL. I
I 01 AGRICULTURE, ETC. I	910.942 I	3.773 I	3766.572 I	450.032 I	1036.926 I	0.140 I	46.282 I	0 I
I 02 MINING I	0.260 I	3.869 I	3.470 I	0.706 I	0.026 I	0 I	11.658 I	0 I
I 03 FOOD PROCESSING I	559.563 I	0 I	1213.757 I	8.705 I	4.249 I	0 I	2.047 I	0.013 I
I 04 TEXTILES I	62.090 I	2.164 I	6.446 I	2174.590 I	4.916 I	35.215 I	7.582 I	11.519 I
I 05 LUMBER AND WOOD I	13.237 I	1.718 I	24.164 I	3.839 I	283.702 I	301.205 I	122.451 I	0.404 I
I 06 FURNITURE, FIXTURE I	0.004 I	0 I	0.020 I	0 I	0 I	12.378 I	0 I	0 I
I 07 PULP AND PAPER I	36.192 I	0 I	44.999 I	7.166 I	12.048 I	10.462 I	1050.797 I	377.981 I
I 08 PRINTING, PUBLISH. I	1.138 I	1.630 I	23.186 I	12.141 I	1.049 I	1.843 I	142.190 I	210.295 I
I 09 LEATHER & PROD. I	0.018 I	0 I	0 I	40.184 I	0 I	0.139 I	0.034 I	0.590 I
I 10 RUBBER PRODUCTS I	4.114 I	2.924 I	1.303 I	20.468 I	0.237 I	3.582 I	0.693 I	1.119 I
I 11 CHEMICALS I	277.483 I	9.378 I	326.569 I	722.077 I	43.468 I	21.565 I	66.480 I	41.706 I
I 12 PETROLEUM & COAL I	110.344 I	101.863 I	50.196 I	26.298 I	12.250 I	5.303 I	29.151 I	2.281 I
I 13 NONMETAL MINERALS I	17.094 I	0.055 I	113.736 I	0 I	1.254 I	5.839 I	1.336 I	0.042 I
I 14 IRON & STEEL MAT. I	0 I	0 I	0 I	0 I	0 I	0 I	0 I	0 I
I 15 IRON & STEEL PROD I	1.535 I	5.700 I	0 I	3.335 I	4.523 I	54.708 I	0 I	0 I
I 16 NONFERROUS METALS I	0 I	0 I	10.900 I	0.733 I	1.229 I	5.043 I	0.621 I	9.173 I
I 17 FABRICATED METALS I	16.546 I	14.451 I	88.819 I	28.950 I	11.145 I	58.207 I	3.592 I	0.144 I
I 18 GENERAL MACHINERY I	42.421 I	14.716 I	24.460 I	23.534 I	9.824 I	4.241 I	9.396 I	6.049 I
I 19 ELECTRICAL MACH. I	0.404 I	7.536 I	0.462 I	6.039 I	0.226 I	0 I	0 I	4.276 I
I 20 MOTOR VEHICLES I	0 I	0 I	0 I	0 I	0 I	0 I	0 I	0 I
I 21 OTHER TRANSPORT I	33.303 I	30.057 I	5.917 I	5.961 I	3.849 I	1.188 I	3.490 I	1.079 I
I 22 PRECISION INST. I	0.123 I	0 I	0.021 I	0 I	0 I	0 I	0 I	2.266 I
I 23 MANUFACTURING NEC I	23.319 I	0.558 I	47.383 I	25.557 I	4.943 I	37.021 I	0 I	16.622 I
I 24 CONSTRUCTION I	52.220 I	7.976 I	23.397 I	11.724 I	4.320 I	6.259 I	5.634 I	6.792 I
I 25 EL, GAS, WATER I	12.786 I	23.301 I	59.397 I	58.684 I	20.238 I	9.809 I	77.062 I	11.054 I
I 26 WHOLESALE, RETAIL I	104.681 I	22.814 I	371.147 I	253.494 I	72.067 I	38.344 I	71.762 I	63.929 I
I 27 FIN, INS, ESTATE I	108.414 I	12.123 I	71.686 I	113.659 I	24.045 I	8.920 I	43.369 I	26.304 I
I 28 REAL ESTATE RENT I	4.977 I	4.158 I	18.648 I	7.227 I	2.019 I	2.614 I	7.753 I	7.228 I
I 29 TRANSPORTATION I	81.982 I	17.713 I	163.542 I	90.429 I	55.683 I	14.417 I	50.727 I	38.169 I
I 30 COMMUNICATION I	3.204 I	4.638 I	2.185 I	27.577 I	3.484 I	7.706 I	8.256 I	4.734 I
I 31 PUBLIC ADMIN. I	0 I	0 I	0 I	0 I	0 I	0 I	0 I	0 I
I 32 PUBLIC SERVICES I	0.303 I	0.784 I	7.493 I	6.003 I	0.625 I	1.008 I	2.408 I	1.695 I
I 33 PRIVATE SERVICES I	0.920 I	4.014 I	162.354 I	37.733 I	14.265 I	12.999 I	13.523 I	39.949 I
I 34 OFFICE SUPPLIES I	17.134 I	7.604 I	19.173 I	35.866 I	3.532 I	8.246 I	23.701 I	16.628 I
I 35 PACKING MATERIALS I	8.998 I	0.032 I	54.363 I	37.857 I	2.957 I	11.668 I	20.198 I	4.426 I
I 36 ACTIVITIES N.E.C. I	91.025 I	21.850 I	173.707 I	162.701 I	34.410 I	32.455 I	87.430 I	47.029 I

I 101970S I	I 01 AGRICU- I LTURE ETC. I	I 02 MINING I	I 03 FOOD I PROCESSING I	I 04 TEXTIL- I ES I	I 05 LUMBER I AND WOOD I	I 06 FURNI- I TURE ETC. I	I 07 PULP I AND PAPER I	I 08 PRINT- I ING, PUBL. I
I SUBTOTAL	I 2597.287 I	I 327.499 I	I 6906.977 I	I 4453.339 I	I 1578.509 I	I 762.574 I	I 1911.223 I	I 953.516 I

I 101970	I 09 LEATHER I & PRODUCTS	I 10 RUBBER PRODUCTS	I 11 CHEMI- I CALS	I 12 PETROL- I EUM & COAL	I 13 NONMET- I AL MINERAL	I 14 IRON & I STEEL MAT.	I 15 IRON & I STEEL PROD	I 16 NONFER- I ROUS METAL
I 01 AGRICULTURE, ETC.	1.419	45.507	189.402	7.391	0.477	0.629	0.052	0.018
I 02 MINING	0	0.251	70.972	1225.672	381.609	499.660	12.825	375.123
I 03 FOOD PROCESSING	42.455	0	61.878	0.300	0.545	0	0.030	0.078
I 04 TEXTILES	15.850	66.420	7.755	0.570	9.345	0.608	2.929	0.742
I 05 LUMBER AND WOOD	0.060	0.003	3.107	0.630	16.749	0	15.278	4.844
I 06 FURNITURE, FIXTURE	0	0	0	0	0	0	0	0
I 07 PULP AND PAPER	0.208	4.849	147.597	3.214	52.076	0	0.002	0.006
I 08 PRINTING, PUBLISH.	0.330	1.278	5.079	0.406	8.005	1.748	1.966	1.046
I 09 LEATHER & PROD.	27.506	0	1.144	0	0	0	0	0
I 10 RUBBER PRODUCTS	1.000	43.367	6.357	0.329	0.045	1.107	4.065	0.225
I 11 CHEMICALS	2.870	145.847	1757.992	21.374	38.954	25.599	34.597	6.779
I 12 PETROLEUM & COAL	1.427	6.469	274.475	98.731	97.574	463.408	99.298	22.381
I 13 NONMETAL MINERALS	0.096	3.457	31.114	2.028	287.876	58.494	12.115	15.234
I 14 IRON & STEEL MAT.	0	0	0	0	-0.150	1879.679	2485.367	0.111
I 15 IRON & STEEL PROD	0	5.247	0.110	0	50.566	0	2003.726	0
I 16 NONFERROUS METALS	0	0	31.936	0.193	5.859	34.666	50.900	713.845
I 17 FABRICATED METALS	4.385	13.081	39.469	11.186	6.076	0.083	9.627	3.152
I 18 GENERAL MACHINERY	0.130	5.344	55.707	16.664	44.156	13.894	87.249	15.128
I 19 ELECTRICAL MACH.	0.144	0	36.445	8.908	5.022	9.579	15.220	8.299
I 20 MOTOR VEHICLES	0	0	0	0	0	0	0	0
I 21 OTHER TRANSPORT	0.888	0.955	6.590	2.148	7.267	0.991	5.295	1.814
I 22 PRECISION INST.	0	0	0.028	0	0.005	0	0	0
I 23 MANUFACTURING NEC	10.156	33.755	65.539	7.164	1.182	0	0.040	0.586
I 24 CONSTRUCTION	1.560	1.736	28.148	6.949	13.596	6.861	10.975	3.251
I 25 EL, GAS, WATER	1.270	10.729	195.118	19.339	79.211	134.015	90.257	69.782
I 26 WHOLESALE, RETAIL	10.884	29.994	163.445	32.000	120.366	131.148	154.773	44.567
I 27 FIN, INS, ESTATE	1.334	20.604	159.111	51.977	66.829	25.394	46.174	39.273
I 28 REAL ESTATE RENT	0.432	1.649	28.903	10.164	12.669	5.668	13.817	4.159
I 29 TRANSPORTATION	1.713	13.386	115.092	46.957	120.770	91.407	59.057	30.763
I 30 COMMUNICATION	0.605	0.969	39.320	11.653	14.839	12.118	25.665	7.523
I 31 PUBLIC ADMIN.	0	0	0	0	0	0	0	0
I 32 PUBLIC SERVICES	0.177	0.550	13.106	2.738	3.137	3.984	7.398	1.758
I 33 PRIVATE SERVICES	1.081	3.369	132.725	11.848	15.105	7.368	18.078	7.326
I 34 OFFICE SUPPLIES	0.084	1.849	42.575	10.319	23.728	3.168	11.807	7.133
I 35 PACKING MATERIALS	0.383	5.410	24.484	1.313	37.921	0.596	12.250	5.738
I 36 ACTIVITIES N.E.C.	7.701	4.834	210.857	114.861	63.135	46.423	240.209	52.387

I 101970S	I 09 LEATHER I & PRODUCTS	I 10 RUBBER PRODUCTS	I 11 CHEMI- I CALS	I 12 PETROL- I EUM & COAL	I 13 NONMET- I AL MINERAL	I 14 IRON & I STEEL MAT.	I 15 IRON & I STEEL PROD	I 16 NONFER- I ROUS METAL
I SUBTOTAL	136.648	470.909	3945.580	1727.026	1584.544	3458.295	5531.041	1443.071

I 101970	I 17 FABRICA I TED METALS	I 18 GENERAL I MACHINERY	I 19 ELECTR- I CAL MACH.	I 20 MOTOR I VEHICLES	I 21 OTHER I TRANSPORT	I 22 PRECI- I SION INST.	I 23 MANUFAC I TURING NEC	I 24 CONST- I RUCTION
I 01 AGRICULTURE, ETC.	0.210	0	0.619	0	0	7.723	31.412	23.673
I 02 MINING	0.443	3.894	1.840	0.031	0.582	0.073	3.655	350.521

I 36 ACTIVITIES N.E.C. I 7.701 I 4.854 I 210.857 I 114.861 I 63.135 I 46.423 I 240.209 I 52.587 I

I 101970S	I 09 LEATHER I & PRODUCTS	I 10 RUBBER PRODUCTS	I 11 CHEMI-ICALS	I 12 PETROL-EUM & COAL	I 13 NONMET-AL MINERAL	I 14 IRON & STEEL MAT.	I 15 IRON & STEEL PROD	I 16 NONFER-ROUS METAL
I SUBTOTAL	I 136.648	I 470.909	I 3945.580	I 1727.026	I 1584.544	I 3458.295	I 5531.041	I 1443.071

I 101970	I 17 FABRICA TED METALS	I 18 GENERAL MACHINERY	I 19 ELECTR-ICAL MACH.	I 20 MOTOR VEHICLES	I 21 OTHER TRANSPORT	I 22 PRECI-SION INST.	I 23 MANUFAC TURING NEC	I 24 CONST-RUCTION
I 01 AGRICULTURE, ETC.	I 0.210	I 0	I 0.619	I 0	I 0	I 7.723	I 31.412	I 23.673
I 02 MINING	I 0.443	I 3.894	I 1.840	I 0.031	I 0.382	I 0.073	I 3.655	I 350.521
I 03 FOOD PROCESSING	I 0	I 0	I 0	I 0	I 0	I 0.022	I 3.413	I 0
I 04 TEXTILES	I 9.437	I 7.859	I 19.758	I 7.080	I 10.382	I 8.467	I 40.073	I 136.558
I 05 LUMBER AND WOOD	I 14.081	I 6.192	I 3.923	I 7.116	I 26.251	I 0.942	I 80.662	I 1259.331
I 06 FURNITURE, FIXTURE	I 0	I 9.845	I 74.839	I 0.793	I 5.368	I 0	I 0	I 253.057
I 07 PULP AND PAPER	I 7.910	I 8.888	I 45.960	I 6.951	I 1.223	I 25.422	I 47.091	I 43.375
I 08 PRINTING, PUBLISH.	I 6.508	I 9.618	I 9.839	I 3.655	I 2.165	I 1.956	I 3.737	I 17.330
I 09 LEATHER & PROD.	I 0.109	I 2.601	I 1.515	I 0.252	I 1.940	I 13.066	I 8.163	I 0
I 10 RUBBER PRODUCTS	I 9.806	I 55.851	I 16.306	I 147.009	I 137.501	I 1.505	I 0.950	I 3.228
I 11 CHEMICALS	I 25.483	I 32.572	I 99.664	I 22.718	I 44.507	I 12.634	I 520.040	I 92.350
I 12 PETROLEUM & COAL	I 40.351	I 48.393	I 38.121	I 11.812	I 11.825	I 4.919	I 17.938	I 262.698
I 13 NONMETAL MINERALS	I 28.517	I 25.954	I 95.016	I 39.744	I 6.832	I 11.559	I 14.803	I 1559.428
I 14 IRON & STEEL MAT.	I -17.898	I -28.175	I -18.636	I -30.842	I -3.781	I -2.014	I 0	I -2.410
I 15 IRON & STEEL PROD	I 1023.219	I 1129.237	I 347.737	I 417.916	I 283.308	I 60.118	I 18.770	I 742.849
I 16 NONFERROUS METALS	I 205.383	I 193.142	I 693.209	I 151.855	I 43.501	I 48.698	I 31.389	I 8.420
I 17 FABRICATED METALS	I 227.596	I 129.447	I 83.914	I 82.063	I 53.012	I 3.798	I 13.054	I 1573.707
I 18 GENERAL MACHINERY	I 11.407	I 1911.776	I 132.051	I 380.970	I 251.815	I 40.867	I 9.398	I 375.297
I 19 ELECTRICAL MACH.	I 10.566	I 469.208	I 1937.195	I 159.270	I 94.486	I 11.428	I 2.689	I 580.734
I 20 MOTOR VEHICLES	I 0	I 112.404	I 0	I 1131.009	I 235.008	I 0	I 0	I 0
I 21 OTHER TRANSPORT	I 5.228	I 32.080	I 5.382	I 2.216	I 290.127	I 0.815	I 2.906	I 102.453
I 22 PRECISION INST.	I 0	I 48.091	I 22.410	I 30.552	I 15.724	I 186.930	I 0	I 10.276
I 23 MANUFACTURING NEC	I 17.736	I 50.385	I 177.240	I 82.594	I 27.462	I 22.214	I 168.402	I 187.079
I 24 CONSTRUCTION	I 11.491	I 12.803	I 17.857	I 6.167	I 11.082	I 2.955	I 2.778	I 22.578
I 25 EL, GAS, WATER	I 34.142	I 53.693	I 52.875	I 42.236	I 16.481	I 9.732	I 22.240	I 77.346
I 26 WHOLESALE, RETAIL	I 166.926	I 459.044	I 332.066	I 161.890	I 189.109	I 60.503	I 103.614	I 969.252
I 27 FIN, INS, ESTATE	I 53.063	I 132.012	I 142.079	I 47.950	I 101.392	I 16.345	I 24.912	I 186.483
I 28 REAL ESTATE RENT	I 11.729	I 16.079	I 25.503	I 6.150	I 4.393	I 2.377	I 5.776	I 54.565
I 29 TRANSPORTATION	I 54.554	I 105.060	I 68.979	I 40.285	I 32.170	I 13.584	I 31.086	I 463.698
I 30 COMMUNICATION	I 20.301	I 24.986	I 62.229	I 15.493	I 3.703	I 5.370	I 15.979	I 86.362
I 31 PUBLIC ADMIN.	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I 32 PUBLIC SERVICES	I 4.017	I 9.692	I 7.531	I 5.003	I 4.557	I 1.547	I 2.199	I 16.976
I 33 PRIVATE SERVICES	I 19.291	I 99.725	I 199.794	I 28.081	I 21.399	I 31.241	I 19.411	I 291.515
I 34 OFFICE SUPPLIES	I 11.440	I 66.082	I 95.194	I 17.569	I 11.663	I 12.403	I 13.439	I 76.243
I 35 PACKING MATERIALS	I 14.739	I 5.503	I 22.683	I 0	I 0	I 3.517	I 59.203	I 0
I 36 ACTIVITIES N.E.C.	I 93.891	I 58.492	I 116.695	I 5.870	I 58.906	I 16.596	I 100.668	I 289.448

I 101970S	I 17 FABRICA TED METALS	I 18 GENERAL MACHINERY	I 19 ELECTR-ICAL MACH.	I 20 MOTOR VEHICLES	I 21 OTHER TRANSPORT	I 22 PRECI-SION INST.	I 23 MANUFAC TURING NEC	I 24 CONST-RUCTION
I SUBTOTAL	I 2121.676	I 5302.433	I 4931.387	I 3031.458	I 2000.093	I 637.312	I 1425.750	I 10114.420

I 101970	I 25 EL,GAS, I WATER	I 26 WHOLES- I ALE,RETAIL	I 27 FIN, I INS,ESTATE	I 28 REAL ES I TATE RENT	I 29 TRANS- I PORTATION	I 30 COMMU- I NICATION	I 31 PUBLIC I ADMIN.	I 32 PUBLIC I SERVICES	I
I 01 AGRICULTURE, ETC.	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 28.613 I	I
I 02 MINING	I 160.728 I	I 0 I	I 0.064 I	I 0 I	I 2.782 I	I 0.031 I	I 0 I	I 0.800 I	I
I 03 FOOD PROCESSING	I 0 I	I 4.048 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 67.097 I	I
I 04 TEXTILES	I 2.759 I	I 40.344 I	I 2.945 I	I 0.025 I	I 37.404 I	I 5.442 I	I 0 I	I 8.898 I	I
I 05 LUMBER AND WOOD	I 0.093 I	I 46.708 I	I 0 I	I 0 I	I 0.980 I	I 0 I	I 0 I	I 4.196 I	I
I 06 FURNITURE, FIXTURE	I 2.154 I	I 4.951 I	I 3.528 I	I 0.059 I	I 3.679 I	I 1.196 I	I 0 I	I 34.584 I	I
I 07 PULP AND PAPER	I 2.289 I	I 131.527 I	I 5.739 I	I 0 I	I 6.329 I	I 4.712 I	I 0 I	I 10.957 I	I
I 08 PRINTING, PUBLISH.	I 1.674 I	I 61.909 I	I 54.802 I	I 0.089 I	I 9.788 I	I 13.167 I	I 0 I	I 78.274 I	I
I 09 LEATHER & PROD.	I 0.006 I	I 0.628 I	I 0 I	I 0 I	I 0.074 I	I 0.359 I	I 0 I	I 0 I	I
I 10 RUBBER PRODUCTS	I 0.500 I	I 0 I	I 0 I	I 0 I	I 2.136 I	I 1.243 I	I 0 I	I 3.245 I	I
I 11 CHEMICALS	I 9.015 I	I 0 I	I 0 I	I 0 I	I 1.932 I	I 0 I	I 0 I	I 590.803 I	I
I 12 PETROLEUM & COAL	I 252.596 I	I 246.287 I	I 8.440 I	I 1.523 I	I 338.313 I	I 3.684 I	I 0 I	I 30.937 I	I
I 13 NONMETAL MINERALS	I 1.594 I	I 13.735 I	I 0 I	I 0 I	I 0.395 I	I 0 I	I 0 I	I 16.619 I	I
I 14 IRON & STEEL MAT.	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I
I 15 IRON & STEEL PROD	I 0.077 I	I 0 I	I 0 I	I 0 I	I 0.131 I	I 0 I	I 0 I	I 0 I	I
I 16 NONFERROUS METALS	I 0.159 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 10.357 I	I
I 17 FABRICATED METALS	I 1.721 I	I 150.440 I	I 0 I	I 0 I	I 9.026 I	I 0 I	I 0 I	I 5.183 I	I
I 18 GENERAL MACHINERY	I 10.731 I	I 1.557 I	I 7.491 I	I 0 I	I 5.394 I	I 0.569 I	I 0 I	I 11.901 I	I
I 19 ELECTRICAL MACH.	I 55.781 I	I 0 I	I 3.739 I	I 0 I	I 3.882 I	I 7.329 I	I 0 I	I 5.306 I	I
I 20 MOTOR VEHICLES	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I
I 21 OTHER TRANSPORT	I 12.732 I	I 299.116 I	I 4.250 I	I 0.354 I	I 463.623 I	I 1.942 I	I 0 I	I 14.299 I	I
I 22 PRECISION INST.	I 5.207 I	I 37.053 I	I 0 I	I 0.002 I	I 0.457 I	I 1.958 I	I 0 I	I 31.530 I	I
I 23 MANUFACTURING NEC	I 1.084 I	I 9.280 I	I 27.041 I	I 2.531 I	I 1.748 I	I 4.070 I	I 0 I	I 21.662 I	I
I 24 CONSTRUCTION	I 81.707 I	I 36.285 I	I 631.387 I	I 60.810 I	I 54.131 I	I 8.423 I	I 0 I	I 56.424 I	I
I 25 EL, GAS, WATER	I 33.392 I	I 164.375 I	I 34.294 I	I 6.141 I	I 85.777 I	I 11.066 I	I 0 I	I 73.727 I	I
I 26 WHOLES, RETAIL	I 13.523 I	I 232.131 I	I 18.921 I	I 0.630 I	I 47.753 I	I 6.785 I	I 0 I	I 250.058 I	I
I 27 FIN, INS, ESTATE	I 43.685 I	I 903.129 I	I 79.965 I	I 18.792 I	I 190.542 I	I 10.774 I	I 0 I	I 50.627 I	I
I 28 REAL ESTATE RENT	I 16.765 I	I 453.615 I	I 144.775 I	I 0 I	I 57.359 I	I 1.268 I	I 0 I	I 23.058 I	I
I 29 TRANSPORTATION	I 36.672 I	I 238.671 I	I 32.559 I	I 0.588 I	I 526.939 I	I 31.184 I	I 0 I	I 53.168 I	I
I 30 COMMUNICATION	I 10.170 I	I 259.860 I	I 95.504 I	I 0 I	I 36.317 I	I 2.790 I	I 0 I	I 16.917 I	I
I 31 PUBLIC ADMIN.	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I
I 32 PUBLIC SERVICES	I 5.305 I	I 6.788 I	I 5.497 I	I 1.092 I	I 6.025 I	I 1.173 I	I 0 I	I 5.353 I	I
I 33 PRIVATE SERVICES	I 31.389 I	I 333.901 I	I 233.377 I	I 4.436 I	I 69.989 I	I 11.957 I	I 0 I	I 40.458 I	I
I 34 OFFICE SUPPLIES	I 11.332 I	I 126.889 I	I 30.158 I	I 0 I	I 29.369 I	I 2.693 I	I 0 I	I 6.434 I	I
I 35 PACKING MATERIALS	I 0 I	I 26.470 I	I 0 I	I 0 I	I 0.369 I	I 0 I	I 0 I	I 0 I	I
I 36 ACTIVITIES N.E.C.	I 69.659 I	I 45.428 I	I 224.443 I	I 0 I	I 75.481 I	I 45.973 I	I 0 I	I 216.965 I	I

I 101970S	I 25 EL,GAS, I WATER	I 26 WHOLES- I ALE,RETAIL	I 27 FIN, I INS,ESTATE	I 28 REAL ES I TATE RENT	I 29 TRANS- I PORTATION	I 30 COMMU- I NICATION	I 31 PUBLIC I ADMIN.	I 32 PUBLIC I SERVICES	I
I SUBTOTAL	I 880.604 I	I 4075.175 I	I 1648.919 I	I 97.072 I	I 2068.124 I	I 179.788 I	I 0 I	I 1768.450 I	I

I 101970	I 33 PRIVATE I SERVICES	I 34 OFFICE I SUPPLIES	I 35 PACKING I MATERIALS	I 36 ACTIVI- I TIES NEC	I 100070	I INTERMED. I DEMAND	I
I 01 AGRICULTURE, ETC.	I 211.463 I	I 0 I	I 0 I	I 48.665 I	I 01 AGRICULTURE, ETC.	I 6311.940 I	I
I 02 MINING	I 0.857 I	I 0 I	I 0 I	I 44.279 I	I 02 MINING	I 3156.481 I	I
I 03 FOOD PROCESSING	I 0 I	I 0 I	I 0 I	I 3.357 I	I 03 FOOD PROCESSING	I 3000.000 I	I

I 35 PACKING MATERIALS	I 0	I 26.470	I 0	I 0	I 29.389	I 2.893	I 0	I 8.434
I 36 ACTIVITIES N.E.C.	I 69.659	I 45.428	I 224.443	I 0	I 75.481	I 45.973	I 0	I 216.965

I 101970S	I 25 EL, GAS, WATER	I 26 WHOLES- ALE, RETAIL	I 27 FIN, INS, ESTATE	I 28 REAL ES TATE RENT	I 29 TRANS- PORTATION	I 30 COMMU- NICATION	I 31 PUBLIC ADMIN.	I 32 PUBLIC SERVICES
I SUBTOTAL	I 880.604	I 4075.175	I 1648.919	I 97.072	I 2068.124	I 179.788	I 0	I 1768.450

I 101970	I 33 PRIVATE SERVICES	I 34 OFFICE SUPPLIES	I 35 PACKING MATERIALS	I 36 ACTIVI- TIES NEC
I 01 AGRICULTURE, ETC.	I 211.463	I 0	I 0	I 48.665
I 02 MINING	I 0.857	I 0	I 0	I 44.279
I 03 FOOD PROCESSING	I 1014.653	I 0	I 0	I 7.310
I 04 TEXTILES	I 25.686	I 5.123	I 9.507	I 178.590
I 05 LUMBER AND WOOD	I 9.573	I 2.352	I 36.435	I 25.949
I 06 FURNITURE, FIXTURE	I 29.800	I 108.379	I 0	I 22.815
I 07 PULP AND PAPER	I 38.946	I 111.229	I 236.084	I 84.770
I 08 PRINTING, PUBLISH.	I 431.179	I 269.274	I 0	I 59.042
I 09 LEATHER & PROD.	I 0	I 0	I 0	I 5.254
I 10 RUBBER PRODUCTS	I 6.419	I 0	I 0	I 17.229
I 11 CHEMICALS	I 67.201	I 4.210	I 0	I 33.294
I 12 PETROLEUM & COAL	I 82.220	I 0	I 0	I 32.753
I 13 NONMETAL MINERALS	I 13.613	I 2.948	I 0	I 39.335
I 14 IRON & STEEL MAT.	I 0	I 0	I 0	I 0
I 15 IRON & STEEL PROD	I 0	I 0	I 1.380	I 111.445
I 16 NONFERROUS METALS	I 0	I 0	I 0	I 20.208
I 17 FABRICATED METALS	I 21.986	I 2.419	I 0.320	I 51.490
I 18 GENERAL MACHINERY	I 45.627	I 8.699	I 0	I 24.574
I 19 ELECTRICAL MACH.	I 47.515	I 0	I 0	I 20.881
I 20 MOTOR VEHICLES	I 0	I 0	I 0	I 0
I 21 OTHER TRANSPORT	I 18.871	I 0	I 0	I 13.770
I 22 PRECISION INST.	I 34.223	I 38.023	I 0	I 13.014
I 23 MANUFACTURING NEC	I 48.049	I 62.304	I 64.544	I 71.752
I 24 CONSTRUCTION	I 75.069	I 0	I 0	I 9.946
I 25 EL, GAS, WATER	I 147.202	I 0	I 0	I 31.248
I 26 WHOLESALE, RETAIL	I 435.864	I 176.632	I 38.934	I 498.382
I 27 FIN, INS, ESTATE	I 98.243	I 0	I 0	I 258.027
I 28 REAL ESTATE RENT	I 106.172	I 0	I 0	I 0
I 29 TRANSPORTATION	I 94.493	I 12.959	I 13.962	I 99.824
I 30 COMMUNICATION	I 92.661	I 0	I 0	I 12.997
I 31 PUBLIC ADMIN.	I 0	I 0	I 0	I 0
I 32 PUBLIC SERVICES	I 8.475	I 0	I 0	I 4.980
I 33 PRIVATE SERVICES	I 504.191	I 0	I 0	I 101.502
I 34 OFFICE SUPPLIES	I 65.760	I 0	I 0	I 0
I 35 PACKING MATERIALS	I 0.120	I 0	I 0	I 0.200
I 36 ACTIVITIES N.E.C.	I 432.926	I 34.056	I 10.932	I 0

I 100070	I INTERMED. DEMAND
I 01 AGRICULTURE, ETC.	I 6311.940
I 02 MINING	I 3156.481
I 03 FOOD PROCESSING	I 2990.168
I 04 TEXTILES	I 2965.578
I 05 LUMBER AND WOOD	I 2316.145
I 06 FURNITURE, FIXTURE	I 567.649
I 07 PULP AND PAPER	I 2566.999
I 08 PRINTING, PUBLISH.	I 1447.386
I 09 LEATHER & PROD.	I 103.582
I 10 RUBBER PRODUCTS	I 493.863
I 11 CHEMICALS	I 5099.161
I 12 PETROLEUM & COAL	I 2834.159
I 13 NONMETAL MINERALS	I 2420.362
I 14 IRON & STEEL MAT.	I 4256.251
I 15 IRON & STEEL PROD	I 6270.087
I 16 NONFERROUS METALS	I 2271.419
I 17 FABRICATED METALS	I 2718.689
I 18 GENERAL MACHINERY	I 3603.587
I 19 ELECTRICAL MACH.	I 3512.569
I 20 MOTOR VEHICLES	I 1478.421
I 21 OTHER TRANSPORT	I 1381.456
I 22 PRECISION INST.	I 477.898
I 23 MANUFACTURING NEC	I 1321.502
I 24 CONSTRUCTION	I 1343.322
I 25 EL, GAS, WATER	I 1773.019
I 26 WHOLESALE, RETAIL	I 5947.589
I 27 FIN, INS, ESTATE	I 3177.761
I 28 REAL ESTATE RENT	I 1062.169
I 29 TRANSPORTATION	I 2992.247
I 30 COMMUNICATION	I 974.185
I 31 PUBLIC ADMIN.	I 0
I 32 PUBLIC SERVICES	I 149.387
I 33 PRIVATE SERVICES	I 2574.314
I 34 OFFICE SUPPLIES	I 814.215
I 35 PACKING MATERIALS	I 411.398
I 36 ACTIVITIES N.E.C.	I 3287.443

I 101970S	I 33 PRIVATE SERVICES	I 34 OFFICE SUPPLIES	I 35 PACKING MATERIALS	I 36 ACTIVI- TIES NEC
I SUBTOTAL	I 4209.072	I 838.607	I 412.098	I 1943.525

I 100070S	I INTERMED. DEMAND
I SUBTOTAL	I 85574.001

I 101975	I 01 AGRICULTURE ETC.	I 02 MINING	I 03 FOOD PROCESSING	I 04 TEXTILES	I 05 LUMBER AND WOOD	I 06 FURNITURE ETC.	I 07 PULP AND PAPER	I 08 PRINTING, PUBL.
I 01 AGRICULTURE, ETC.	1393.574	4.149	7806.061	595.049	1395.685	0.223	35.327	0
I 02 MINING	0.088	4.287	2.788	0.222	0.040	0	17.549	0
I 03 FOOD PROCESSING	1206.099	0	2686.698	12.249	2.699	0	4.364	0
I 04 TEXTILES	95.576	2.949	16.406	3177.356	7.767	45.100	5.789	16.256
I 05 LUMBER AND WOOD	13.872	2.150	41.893	7.040	363.346	367.900	293.494	0.722
I 06 FURNITURE, FIXTURE	2.528	1.025	9.063	5.467	1.594	70.874	2.187	3.795
I 07 PULP AND PAPER	84.035	0	155.049	12.982	26.007	26.183	1785.976	680.959
I 08 PRINTING, PUBLISH.	4.722	3.212	41.133	38.361	5.137	5.772	303.610	550.671
I 09 LEATHER & PROD.	0.017	0	0	59.513	0	0.166	0.067	1.178
I 10 RUBBER PRODUCTS	6.405	3.005	3.073	33.080	0.262	7.157	1.255	1.620
I 11 CHEMICALS	538.772	12.287	183.707	664.628	58.249	53.996	107.422	90.487
I 12 PETROLEUM & COAL	247.183	50.207	98.972	22.574	2.718	4.175	44.458	0.415
I 13 NONMETAL MINERALS	30.672	0.061	200.145	0	1.779	14.871	3.153	0.082
I 14 IRON & STEEL MAT.	0	0	0	0	0	0	0	0
I 15 IRON & STEEL PROD	2.194	6.870	0.329	3.649	3.190	51.519	0	0
I 16 NONFERROUS METALS	0	0.769	16.231	1.046	1.710	6.296	0.277	13.069
I 17 FABRICATED METALS	43.191	22.984	236.414	51.726	22.007	99.987	6.728	0.317
I 18 GENERAL MACHINERY	109.535	14.614	73.266	36.250	12.248	6.945	15.427	11.282
I 19 ELECTRICAL MACH.	2.389	8.009	0.842	8.827	0.247	2.804	0	6.539
I 20 MOTOR VEHICLES	0	0	0	0	0	0	0	0
I 21 OTHER TRANSPORT	73.190	0.157	0.306	0	0	0	0.005	0.005
I 22 PRECISION INST.	0.335	0.058	0.370	0.918	0.189	0.135	0.386	0.549
I 23 MANUFACTURING NEC	61.957	0.726	126.147	48.338	14.906	77.670	0	34.074
I 24 CONSTRUCTION	21.099	2.623	13.349	13.251	1.149	2.270	3.388	2.528
I 25 EL, GAS, WATER	33.309	36.086	123.259	93.751	38.520	19.460	176.904	27.904
I 26 WHOLESALE RETAIL	293.651	31.033	915.745	420.440	177.767	174.754	133.946	150.440
I 27 FIN, INS, ESTATE	276.793	62.171	178.262	460.139	47.079	38.047	175.416	88.583
I 28 REAL ESTATE RENT	58.138	10.572	48.494	20.268	7.769	15.170	19.179	18.167
I 29 TRANSPORTATION	339.782	356.392	400.971	199.221	138.600	33.334	93.405	92.054
I 30 COMMUNICATION	9.508	6.246	30.919	36.005	18.273	12.972	9.670	8.973
I 31 PUBLIC ADMIN.	0	0	0	0	0	0	0	0
I 32 PUBLIC SERVICES	2.424	2.570	35.094	20.441	2.064	2.519	9.781	6.255
I 33 PRIVATE SERVICES	3.220	7.574	209.245	87.756	29.517	31.468	43.395	138.222
I 34 OFFICE SUPPLIES	5.041	1.952	11.088	32.754	6.314	4.493	12.968	9.525
I 35 PACKING MATERIALS	21.071	0.087	284.691	247.081	5.538	23.171	46.653	10.958
I 36 ACTIVITIES N.E.C.	71.258	43.656	428.563	183.933	37.923	75.931	110.357	13.555

I 101975S	I 01 AGRICULTURE ETC.	I 02 MINING	I 03 FOOD PROCESSING	I 04 TEXTILES	I 05 LUMBER AND WOOD	I 06 FURNITURE ETC.	I 07 PULP AND PAPER	I 08 PRINTING, PUBL.
I SUBTOTAL	5051.428	698.481	14378.578	6594.315	2430.293	1295.362	3463.036	1979.184

I 101975	I 09 LEATHER & PRODUCTS	I 10 RUBBER PRODUCTS	I 11 CHEMICALS	I 12 PETROLEUM, COAL	I 13 NONMETAL MINERAL	I 14 IRON & STEEL MAT.	I 15 IRON & STEEL PROD	I 16 NONFERROUS METAL
I 01 AGRICULTURE, ETC.	3.370	49.098	30.211	7.627	0.884	0	0	1.052
I 02 MINING	0	0.592	92.589	6466.275	686.328	751.974	15.636	500.157

I 36 ACTIVITIES N.E.C. I	71.258 I	43.656 I	428.563 I	183.933 I	37.923 I	75.931 I	110.357 I	13.555 I
I 101975 I	I 01 AGRICULTURE ETC. I	I 02 MINING I	I 03 FOOD PROCESSING I	I 04 TEXTILES I	I 05 LUMBER AND WOOD I	I 06 FURNITURE ETC. I	I 07 PULP AND PAPER I	I 08 PRINTING, PUBL. I
I SUBTOTAL I	I 5051.428 I	I 698.481 I	I 14378.578 I	I 6594.315 I	I 2430.293 I	I 1295.362 I	I 3463.036 I	I 1979.184 I

I 101975 I	I 09 LEATHER & PRODUCTS I	I 10 RUBBER PRODUCTS I	I 11 CHEMICALS I	I 12 PETROLEUM, COAL I	I 13 NONMETAL MINERAL I	I 14 IRON & STEEL MAT. I	I 15 IRON & STEEL PROD I	I 16 NONFERROUS METAL I
I 01 AGRICULTURE, ETC. I	5.370 I	49.098 I	30.211 I	7.627 I	0.884 I	0 I	0 I	1.052 I
I 02 MINING I	0 I	0.392 I	92.589 I	6466.275 I	586.328 I	751.974 I	15.636 I	500.157 I
I 03 FOOD PROCESSING I	65.209 I	0 I	135.914 I	1.441 I	1.132 I	0 I	0.043 I	0.010 I
I 04 TEXTILES I	20.599 I	35.940 I	11.404 I	1.619 I	14.178 I	1.262 I	5.087 I	5.982 I
I 05 LUMBER AND WOOD I	0.064 I	0 I	4.485 I	0 I	14.469 I	0 I	21.757 I	6.421 I
I 06 FURNITURE, FIXTURE I	0 I	0.704 I	6.493 I	1.074 I	7.659 I	0.769 I	1.515 I	0.738 I
I 07 PULP AND PAPER I	0.360 I	7.605 I	255.115 I	0.380 I	73.407 I	0 I	0.003 I	6.072 I
I 08 PRINTING, PUBLISH. I	0.676 I	2.880 I	27.331 I	5.516 I	21.742 I	5.307 I	7.321 I	3.725 I
I 09 LEATHER & PROD. I	44.942 I	0 I	3.046 I	0 I	0 I	0 I	0 I	0 I
I 10 RUBBER PRODUCTS I	1.963 I	38.048 I	9.456 I	0.454 I	0.166 I	2.862 I	7.996 I	0.262 I
I 11 CHEMICALS I	4.272 I	235.366 I	3661.822 I	51.799 I	71.092 I	48.716 I	53.415 I	53.237 I
I 12 PETROLEUM & COAL I	0.230 I	15.316 I	779.622 I	528.516 I	291.396 I	1368.053 I	339.249 I	30.332 I
I 13 NONMETAL MINERALS I	0.162 I	8.725 I	67.605 I	7.738 I	518.344 I	130.669 I	12.702 I	28.668 I
I 14 IRON & STEEL MAT. I	0 I	0 I	0 I	0 I	-0.198 I	3391.888 I	4444.705 I	0.139 I
I 15 IRON & STEEL PROD I	0 I	5.277 I	0.265 I	0 I	84.900 I	0 I	2570.724 I	3.094 I
I 16 NONFERROUS METALS I	0 I	0 I	54.183 I	0.386 I	8.240 I	57.171 I	107.875 I	1056.140 I
I 17 FABRICATED METALS I	6.380 I	16.845 I	48.918 I	39.954 I	9.308 I	0.121 I	9.954 I	4.640 I
I 18 GENERAL MACHINERY I	0.231 I	8.197 I	66.393 I	35.879 I	81.682 I	20.436 I	98.479 I	20.942 I
I 19 ELECTRICAL MACH. I	0.210 I	0 I	55.752 I	24.607 I	12.527 I	14.193 I	23.262 I	13.516 I
I 20 MOTOR VEHICLES I	0 I	0 I	0 I	0 I	0 I	0 I	0 I	0 I
I 21 OTHER TRANSPORT I	0 I	0 I	0.082 I	0.072 I	0.268 I	1.067 I	1.254 I	0.010 I
I 22 PRECISION INST. I	0.005 I	0.039 I	0.992 I	0.186 I	0.451 I	0.108 I	0.275 I	0.099 I
I 23 MANUFACTURING NEC I	22.433 I	65.383 I	126.119 I	28.822 I	1.576 I	0 I	0.057 I	0.867 I
I 24 CONSTRUCTION I	0.503 I	0.576 I	19.697 I	9.842 I	12.169 I	11.208 I	14.913 I	5.173 I
I 25 EL, GAS, WATER I	2.348 I	18.017 I	402.986 I	52.205 I	196.747 I	354.524 I	219.162 I	183.749 I
I 26 WHOLESALE RETAIL I	21.794 I	51.631 I	355.585 I	67.232 I	209.959 I	163.047 I	185.694 I	76.626 I
I 27 FIN, INS, ESTATE I	1.893 I	56.676 I	383.702 I	218.773 I	138.165 I	119.971 I	196.089 I	120.880 I
I 28 REAL ESTATE RENT I	1.037 I	3.961 I	79.821 I	31.448 I	32.144 I	12.814 I	28.983 I	11.229 I
I 29 TRANSPORTATION I	6.624 I	39.863 I	245.799 I	150.627 I	325.209 I	142.599 I	169.471 I	64.588 I
I 30 COMMUNICATION I	0.396 I	1.699 I	65.145 I	36.016 I	22.449 I	17.313 I	30.463 I	10.804 I
I 31 PUBLIC ADMIN. I	0 I	0 I	0 I	0 I	0 I	0 I	0 I	0 I
I 32 PUBLIC SERVICES I	0.527 I	15.351 I	176.745 I	17.346 I	19.594 I	10.831 I	28.505 I	9.612 I
I 33 PRIVATE SERVICES I	2.117 I	9.533 I	274.531 I	30.515 I	37.255 I	14.807 I	41.482 I	16.199 I
I 34 OFFICE SUPPLIES I	0.163 I	1.284 I	32.511 I	6.266 I	14.609 I	3.591 I	8.109 I	4.425 I
I 35 PACKING MATERIALS I	1.020 I	13.168 I	58.002 I	2.187 I	68.186 I	1.628 I	33.478 I	18.562 I
I 36 ACTIVITIES N.E.C. I	3.629 I	21.110 I	242.552 I	120.296 I	55.999 I	47.934 I	237.932 I	47.983 I

I 101975 I	I 09 LEATHER & PRODUCTS I	I 10 RUBBER PRODUCTS I	I 11 CHEMICALS I	I 12 PETROLEUM & COAL I	I 13 NONMETAL MINERAL I	I 14 IRON & STEEL MAT. I	I 15 IRON & STEEL PROD I	I 16 NONFERROUS METAL I
I SUBTOTAL I	I 219.370 I	I 832.714 I	I 7774.878 I	I 7945.098 I	I 3032.036 I	I 6694.863 I	I 8915.890 I	I 2305.933 I

I 101975 I	I 17 FABRICA I TED METALS	I 18 GENERAL I MACHINERY	I 19 ELECTRI I -CAL MACH.	I 20 MOTOR I VEHICLES	I 21 OTHER T I RANSPORT	I 22 PRECI- I SION, INST	I 23 MANUFAC I -TURING NE	I 24 CONST- I RUCTION	I
I 01 AGRICULTURE, ETC.	0.242	0	0	0	0	0	33.638	37.214	I
I 02 MINING	0.531	5.594	0	0	0.110	0	3.994	658.992	I
I 03 FOOD PROCESSING	0	0	0	0	0	0	7.337	0	I
I 04 TEXTILES	14.757	13.226	21.540	14.474	25.195	8.407	55.343	288.518	I
I 05 LUMBER AND WOOD	17.727	9.142	6.100	3.786	18.168	1.572	147.582	1895.864	I
I 06 FURNITURE, FIXTURE	6.976	20.507	137.337	4.997	11.086	0.694	7.664	616.025	I
I 07 PULP AND PAPER	13.095	12.505	62.667	8.983	1.128	2.369	93.450	31.988	I
I 08 PRINTING, PUBLISH.	16.029	31.529	40.080	14.978	9.670	6.213	11.773	38.522	I
I 09 LEATHER & PROD.	0.199	3.122	1.839	0.728	0.702	20.874	19.635	0	I
I 10 RUBBER PRODUCTS	14.213	71.903	25.770	261.305	269.251	3.418	1.346	5.782	I
I 11 CHEMICALS	40.193	45.805	115.260	75.503	115.535	4.451	303.411	191.802	I
I 12 PETROLEUM & COAL	75.820	44.790	41.898	15.965	15.964	3.589	28.849	221.395	I
I 13 NONMETAL MINERALS	36.990	46.403	127.237	77.107	20.415	14.483	33.795	2896.611	I
I 14 IRON & STEEL MAT.	-6.321	-46.177	-34.044	-57.338	-15.345	-3.330	0	-7.263	I
I 15 IRON & STEEL PROD	1414.593	1431.588	434.281	754.996	424.450	66.395	22.549	1330.574	I
I 16 NONFERROUS METALS	372.149	226.129	633.852	230.686	78.480	69.521	44.011	408.473	I
I 17 FABRICATED METALS	280.231	137.906	136.078	88.968	94.899	2.780	20.455	2917.329	I
I 18 GENERAL MACHINERY	17.782	3560.447	255.608	688.085	548.677	52.378	17.282	580.346	I
I 19 ELECTRICAL MACH.	4.220	672.447	2365.981	333.392	198.285	17.613	7.978	440.782	I
I 20 MOTOR VEHICLES	0	11.033	0	1835.803	961.765	0	0	0	I
I 21 OTHER TRANSPORT	0	0	0.011	0.010	555.496	0	0	11.720	I
I 22 PRECISION INST.	0.242	68.968	23.841	39.132	19.335	274.186	0.212	12.263	I
I 23 MANUFACTURING NEC	11.161	71.339	306.971	148.190	73.033	34.096	437.023	405.045	I
I 24 CONSTRUCTION	5.119	5.660	6.919	7.327	7.470	1.655	1.017	8.435	I
I 25 EL, GAS, WATER	101.939	99.334	92.505	81.354	37.510	13.010	61.437	232.537	I
I 26 WHOLESALE RETAIL	253.077	658.951	421.893	326.532	369.488	66.622	253.980	1995.416	I
I 27 FIN, INS, ESTATE	106.183	260.331	247.581	257.490	189.076	55.167	39.795	487.936	I
I 28 REAL ESTATE RENT	34.471	30.466	64.723	10.453	15.880	4.125	15.783	169.346	I
I 29 TRANSPORTATION	170.593	229.655	134.434	99.863	115.960	26.648	116.108	1596.277	I
I 30 COMMUNICATION	33.453	38.960	90.745	20.976	17.449	7.200	28.405	118.980	I
I 31 PUBLIC ADMIN.	0	0	0	0	0	0	0	0	I
I 32 PUBLIC SERVICES	30.630	158.318	133.188	83.427	36.631	17.934	6.772	79.691	I
I 33 PRIVATE SERVICES	40.205	211.558	348.126	80.631	32.771	55.875	52.718	679.074	I
I 34 OFFICE SUPPLIES	3.146	38.393	55.012	15.635	8.960	6.270	7.084	28.311	I
I 35 PACKING MATERIALS	35.426	14.886	52.325	0	5.991	8.466	107.017	0	I
I 36 ACTIVITIES N.E.C.	145.041	217.115	159.958	5.088	105.870	42.600	111.506	823.129	I

I 101975S I	I 17 FABRICA I TED METALS	I 18 GENERAL I MACHINERY	I 19 ELECTRI- I CAL MACH.	I 20 MOTOR I VEHICLES	I 21 OTHER I TRANSPORT	I 22 PRECI- I SION INST.	I 23 MANUFAC I TURING NEC	I 24 CONST- I RUCTION	I
I SUBTOTAL	3295.112	8451.883	6509.716	5528.526	4369.355	865.281	2609.449	19251.114	I

I 101975 I	I 25 EL, I GAS, WATER	I 26 WHOLESA I LE RETAIL	I 27 FIN, I INS, ESTATE	I 28 REAL ES I TATE RENT	I 29 TRANS- I PORTATION	I 30 COMMU- I NICATION	I 31 PUBLIC I ADMIN.	I 32 PUBLIC I SERVICES	I
I 01 AGRICULTURE, ETC.	0	0	0	0	0.338	0	0	88.724	I
I 02 MINING	327.483	0	0.033	0	0.225	0.003	0.944	3.483	I
I 03 FOOD PROCESSING	0	17.904	0	0	1.114	0	0	174.410	I

I 36 ACTIVITIES N.E.C.	I 145.041	I 217.115	I 159.958	I 5.088	I 105.870	I 42.600	I 111.506	I 823.129
I I01975S	I 17 FABRICA I 18 GENERAL I 19 ELECTR- I 20 MOTOR I 21 OTHER I 22 PRECI- I 23 MANUFAC I 24 CONST-	I TED METALS I MACHINERY I ICAL MACH. I VEHICLES I TRANSPORT I SION INST. I TURING NEC I RUCTION						
I SUBTOTAL	I 3295.112	I 8451.883	I 6509.716	I 5528.526	I 4369.355	I 865.281	I 2609.449	I 19251.114

I I01975	I 25 EL, I 26 WHOLESA I 27 FIN, I 28 REAL ES I 29 TRANS- I 30 COMMU- I 31 PUBLIC I 32 PUBLIC I	I GAS, WATER I LE RETAIL I INS, ESTATE I TATE RENT I PORTATION I NICATION I ADMIN. I SERVICES I						
I 01 AGRICULTURE, ETC.	I 0	I 0	I 0	I 0	I 0.338	I 0	I 0	I 88.724
I 02 MINING	I 327.483	I 0	I 0.033	I 0	I 0.225	I 0.003	I 0.944	I 3.483
I 03 FOOD PROCESSING	I 0	I 17.906	I 0	I 0	I 1.316	I 0	I 0	I 174.610
I 04 TEXTILES	I 6.373	I 34.837	I 7.410	I 0.069	I 66.700	I 10.374	I 44.955	I 39.184
I 05 LUMBER AND WOOD	I 0.219	I 46.925	I 0	I 0	I 1.334	I 0	I 0.146	I 0.058
I 06 FURNITURE, FIXTURE	I 10.290	I 39.132	I 25.229	I 0.237	I 12.366	I 7.613	I 28.681	I 98.157
I 07 PULP AND PAPER	I 1.525	I 265.805	I 9.166	I 0	I 13.521	I 3.411	I 26.347	I 47.071
I 08 PRINTING, PUBLISH.	I 15.929	I 108.703	I 152.175	I 0.347	I 25.544	I 34.588	I 111.732	I 380.999
I 09 LEATHER & PROD.	I 0.671	I 1.305	I 0	I 0	I 0.065	I 0.010	I 1.972	I 0
I 10 RUBBER PRODUCTS	I 1.780	I 0	I 0	I 0	I 5.166	I 0.690	I 17.071	I 12.319
I 11 CHEMICALS	I 27.321	I 0	I 0	I 0.004	I 5.110	I 6.319	I 31.117	I 1512.319
I 12 PETROLEUM & COAL	I 1090.282	I 100.431	I 4.437	I 1.105	I 3697.009	I 2.644	I 78.639	I 90.468
I 13 NONMETAL MINERALS	I 5.926	I 26.833	I 0	I 0	I 0.611	I 0	I 0.864	I 29.030
I 14 IRON & STEEL MAT.	I 0	I 0	I 0	I 0	I 0	I 0	I -3.329	I 0
I 15 IRON & STEEL PROD	I 0.203	I 0	I 0	I 0	I 0.255	I 0	I 3.205	I 0
I 16 NONFERROUS METALS	I 14.113	I 0	I 0	I 0	I 0.012	I 0	I -0.467	I 30.163
I 17 FABRICATED METALS	I 4.428	I 192.717	I 0	I 0	I 12.051	I 0.042	I 12.975	I 9.772
I 18 GENERAL MACHINERY	I 16.013	I 3.659	I 19.231	I 0	I 45.341	I 2.525	I 53.137	I 46.632
I 19 ELECTRICAL MACH.	I 82.505	I 7.567	I 8.729	I 0	I 4.385	I 17.728	I 18.671	I 18.390
I 20 MOTOR VEHICLES	I 0	I 0	I 0	I 0	I 0	I 0	I 10.998	I 0
I 21 OTHER TRANSPORT	I 0.715	I 0	I 0	I 0	I 2943.291	I 0.001	I 224.353	I 4.102
I 22 PRECISION INST.	I 8.247	I 57.247	I 1.335	I 0.008	I 1.728	I 0.241	I 1.644	I 51.164
I 23 MANUFACTURING NEC	I 1.403	I 66.688	I 54.301	I 6.080	I 2.671	I 0.983	I 13.682	I 69.342
I 24 CONSTRUCTION	I 158.858	I 40.418	I 49.367	I 1749.857	I 69.339	I 3.814	I 74.392	I 106.449
I 25 EL, GAS, WATER	I 130.928	I 250.196	I 77.780	I 14.184	I 278.655	I 18.082	I 80.566	I 344.474
I 26 WHOLESALE RETAIL	I 59.113	I 743.754	I 66.560	I 2.709	I 975.507	I 18.796	I 87.835	I 557.632
I 27 FIN, INS, ESTATE	I 294.019	I 1690.448	I 409.831	I 26.076	I 909.373	I 26.320	I 766.963	I 181.145
I 28 REAL ESTATE RENT	I 45.259	I 1026.373	I 1408.002	I 0	I 353.228	I 48.947	I 53.459	I 151.990
I 29 TRANSPORTATION	I 206.470	I 1547.070	I 135.269	I 8.295	I 2154.225	I 76.480	I 387.605	I 273.213
I 30 COMMUNICATION	I 19.463	I 435.936	I 222.143	I 0	I 80.510	I 24.320	I 57.940	I 82.445
I 31 PUBLIC ADMIN.	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I 32 PUBLIC SERVICES	I 21.576	I 45.052	I 26.824	I 5.626	I 100.274	I 6.199	I 10.018	I 27.289
I 33 PRIVATE SERVICES	I 80.242	I 1077.128	I 521.111	I 28.901	I 223.333	I 23.343	I 163.243	I 338.445
I 34 OFFICE SUPPLIES	I 13.033	I 92.089	I 47.957	I 0.260	I 28.767	I 8.097	I 24.048	I 43.505
I 35 PACKING MATERIALS	I 0	I 54.316	I 0	I 0	I 9.111	I 0.227	I 1.597	I 0
I 36 ACTIVITIES N.E.C.	I 138.928	I 126.858	I 584.663	I 0	I 214.784	I 30.520	I 10.916	I 524.493

I I01975S	I 25 EL, GAS, I 26 WHOLES- I 27 FIN, I 28 REAL ES I 29 TRANS- I 30 COMMU- I 31 PUBLIC I 32 PUBLIC I	I WATER I ALE, RETAIL I INS, ESTATE I TATE RENT I PORTATION I NICATION I ADMIN. I SERVICES I						
I SUBTOTAL	I 3283.315	I 8159.453	I 3931.553	I 1843.758	I 12238.145	I 422.317	I 2401.419	I 5337.067

I 101975	I 33 PRIVATE SERVICES	I 34 OFFICE SUPPLIES	I 35 PACKING MATERIALS	I 36 ACTIVITIES NEC	I 100UT75	I INTERMED. DEMAND
I 01 AGRICULTURE, ETC.	571.543	0	0	254.919	I 01 AGRICULTURE, ETC.	12309.428
I 02 MINING	0.528	0	0	185.983	I 02 MINING	10226.228
I 03 FOOD PROCESSING	1649.947	0	0	59.569	I 03 FOOD PROCESSING	6027.043
I 04 TEXTILES	40.677	5.480	18.212	165.216	I 04 TEXTILES	4446.217
I 05 LUMBER AND WOOD	31.083	0	98.685	11.893	I 05 LUMBER AND WOOD	3427.897
I 06 FURNITURE, FIXTURE	71.632	0	0	51.512	I 06 FURNITURE, FIXTURE	1265.925
I 07 PULP AND PAPER	123.749	274.046	449.045	207.103	I 07 PULP AND PAPER	4816.107
I 08 PRINTING, PUBLISH.	730.608	0	19.288	106.789	I 08 PRINTING, PUBLISH.	2882.612
I 09 LEATHER & PROD.	0.069	0	0	3.879	I 09 LEATHER & PROD.	163.999
I 10 RUBBER PRODUCTS	13.433	2.965	0.351	35.205	I 10 RUBBER PRODUCTS	909.532
I 11 CHEMICALS	145.911	45.604	0.364	134.298	I 11 CHEMICALS	9194.594
I 12 PETROLEUM & COAL	91.308	0	0	199.760	I 12 PETROLEUM & COAL	9627.769
I 13 NONMETAL MINERALS	64.215	0.593	0	101.020	I 13 NONMETAL MINERALS	4507.509
I 14 IRON & STEEL MAT.	0.056	0	0	135.058	I 14 IRON & STEEL MAT.	7798.501
I 15 IRON & STEEL PROD.	0.678	0	2.310	28.544	I 15 IRON & STEEL PROD.	8646.632
I 16 NONFERROUS METALS	0.162	0	0	29.523	I 16 NONFERROUS METALS	3460.200
I 17 FABRICATED METALS	41.736	1.251	3.282	171.094	I 17 FABRICATED METALS	4797.968
I 18 GENERAL MACHINERY	71.248	40.174	3.137	105.125	I 18 GENERAL MACHINERY	6738.433
I 19 ELECTRICAL MACH.	90.280	0	0	66.220	I 19 ELECTRICAL MACH.	4528.897
I 20 MOTOR VEHICLES	0	0	0	83.802	I 20 MOTOR VEHICLES	2903.401
I 21 OTHER TRANSPORT	11.077	0	0	102.918	I 21 OTHER TRANSPORT	3930.610
I 22 PRECISION INST.	14.055	0	0	21.992	I 22 PRECISION INST.	610.935
I 23 MANUFACTURING NEC	112.875	79.555	125.177	137.373	I 23 MANUFACTURING NEC	2766.068
I 24 CONSTRUCTION	67.559	0	0	0.624	I 24 CONSTRUCTION	2498.019
I 25 EL, GAS, WATER	478.705	0	5.583	176.304	I 25 EL, GAS, WATER	4554.114
I 26 WHOLESALE, RETAIL	959.051	173.891	110.193	851.550	I 26 WHOLESALE, RETAIL	12392.149
I 27 FIN, INS, ESTATE	374.529	0	0.196	217.721	I 27 FIN, INS, ESTATE	9102.869
I 28 REAL ESTATE RENT	362.621	0	10.881	0	I 28 REAL ESTATE RENT	4205.201
I 29 TRANSPORTATION	574.029	21.998	26.134	1065.386	I 29 TRANSPORTATION	11789.231
I 30 COMMUNICATION	180.475	0	0	41.270	I 30 COMMUNICATION	1817.971
I 31 PUBLIC ADMIN.	0	0	0	0	I 31 PUBLIC ADMIN.	0
I 32 PUBLIC SERVICES	59.495	0	0.001	146.040	I 32 PUBLIC SERVICES	1354.656
I 33 PRIVATE SERVICES	1073.742	0	5.410	234.514	I 33 PRIVATE SERVICES	6332.208
I 34 OFFICE SUPPLIES	34.149	0	0.518	30.432	I 34 OFFICE SUPPLIES	645.761
I 35 PACKING MATERIALS	0.553	0	0	0.546	I 35 PACKING MATERIALS	1125.942
I 36 ACTIVITIES N.E.C.	520.177	0.204	0.362	0	I 36 ACTIVITIES N.E.C.	5559.828
I SUBTOTAL	8561.955	645.761	879.134	5163.182	I SUBTOTAL	177364.454

1-7 Interindustry transaction, 1980

(current prices, billion yen)

I 101930	I 01 AGRICULTURE ETC.	I 02 MINING	I 03 FOOD PROCESSING	I 04 TEXTILES	I 05 LUMBER AND WOOD	I 06 FURNITURE ETC.	I 07 PULP AND PAPER	I 08 PRINTING, PUBL.
I 01 AGRICULTURE, ETC.	2011.921	5.410	9428.910	742.238	2178.251	0.292	33.485	0
I 02 MINING	0.135	4.613	5.148	0.388	0.062	0	27.579	0
I 03 FOOD PROCESSING	1396.124	0	3321.675	20.774	8.075	0	19.138	0

I 36 ACTIVITIES N.E.C. I	520.177 I	0.204 I	0.362 I	0 I
I 101975S	I 33 PRIVATE I 34 OFFICE I 35 PACKING I 36 ACTIVI-	I	I	I
I	I SERVICES I SUPPLIES I MATERIALS I TIES NEC I	I	I	I
I SUBTOTAL	I 8561.955 I	I 645.761 I	I 879.134 I	I 5163.182 I

I 35 PACKING MATERIALS I	1125.942 I
I 36 ACTIVITIES N.E.C. I	5559.828 I
I 100075S	I INTERMED. I
I	I DEMAND I
I SUBTOTAL	I 177364.454 I

1-7 Interindustry transaction, 1980

(current prices, billion yen)

I 101930	I 01 AGRICUL- I 02 MINING I 03 FOOD I 04 TEX- I 05 LUMBER I 06 FURNI- I 07 PULP I 08 PRINT- I
I	I TURE ETC. I I PROCESSING I TILES I AND WOOD I TURE ETC. I AND PAPER I NG, PUBL. I
I 01 AGRICULTURE, ETC. I	I 2011.921 I 5.410 I 9428.910 I 742.238 I 2178.251 I 0.292 I 33.485 I 0 I
I 02 MINING I	I 0.135 I 4.613 I 5.148 I 0.388 I 0.062 I 0 I 27.579 I 0 I
I 03 FOOD PROCESSING I	I 1596.124 I 0 I 3321.675 I 20.774 I 8.075 I 0 I 19.138 I 0 I
I 04 TEXTILES I	I 103.424 I 4.825 I 24.610 I 3801.440 I 7.854 I 59.432 I 9.927 I 43.709 I
I 05 LUMBER AND WOOD I	I 10.649 I 3.099 I 49.060 I 10.124 I 548.890 I 624.112 I 432.859 I 1.228 I
I 06 FURNITURE, FIXTURE I	I 6.057 I 1.524 I 12.167 I 7.353 I 2.146 I 96.198 I 3.403 I 5.969 I
I 07 PULP AND PAPER I	I 29.755 I 0 I 261.362 I 13.135 I 34.700 I 37.819 I 3112.379 I 1241.219 I
I 08 PRINTING, PUBLISH. I	I 16.338 I 4.864 I 65.985 I 47.503 I 7.697 I 8.632 I 509.899 I 815.505 I
I 09 LEATHER & PROD. I	I 0.027 I 0 I 0 I 96.438 I 0 I 0.243 I 2.434 I
I 10 RUBBER PRODUCTS I	I 10.258 I 5.440 I 4.604 I 62.777 I 0.320 I 13.606 I 1.971 I 3.080 I
I 11 CHEMICALS I	I 817.875 I 18.898 I 270.775 I 1002.434 I 80.086 I 77.135 I 185.939 I 227.742 I
I 12 PETROLEUM & COAL I	I 520.329 I 152.829 I 246.430 I 173.594 I 11.738 I 12.501 I 270.188 I 2.094 I
I 13 NONMETAL MINERALS I	I 22.477 I 0.099 I 299.419 I 0 I 2.684 I 29.944 I 4.561 I 0.135 I
I 14 IRON & STEEL MAT. I	I 0 I 0 I 0 I 0 I 0 I 0 I 0 I
I 15 IRON & STEEL PROD. I	I 2.382 I 9.317 I 0.429 I 1.263 I 4.618 I 68.759 I 0 I 0 I
I 16 NONFERROUS METALS I	I 0 I 1.142 I 21.366 I 0 I 3.547 I 10.822 I 0.373 I 28.514 I
I 17 FABRICATED METALS I	I 63.723 I 31.104 I 363.725 I 74.021 I 24.170 I 176.948 I 11.711 I 1.227 I
I 18 GENERAL MACHINERY I	I 163.214 I 22.788 I 120.955 I 53.191 I 19.972 I 10.895 I 24.010 I 20.899 I
I 19 ELECTRICAL MACH. I	I 2.967 I 12.420 I 0.995 I 9.920 I 1.010 I 4.396 I 0 I 13.851 I
I 20 MOTOR VEHICLES I	I 0 I 0 I 0 I 0 I 0 I 0 I 0 I
I 21 OTHER TRANSPORT I	I 92.962 I 0.224 I 0.341 I 0 I 0 I 0 I 0.007 I 0.008 I
I 22 PRECISION INST. I	I 0.420 I 0.062 I 0.325 I 0.676 I 0.132 I 0.140 I 0.461 I 0.727 I
I 23 MANUFACTURING NEC I	I 115.321 I 1.646 I 193.308 I 101.642 I 34.537 I 111.954 I 0.035 I 67.568 I
I 24 CONSTRUCTION I	I 73.926 I 8.366 I 53.936 I 30.208 I 3.883 I 6.914 I 14.438 I 13.517 I
I 25 EL, GAS, WATER I	I 77.582 I 64.864 I 320.446 I 168.866 I 69.032 I 34.059 I 356.893 I 80.129 I
I 26 WHOLESALE RETAIL I	I 443.616 I 79.267 I 1318.785 I 816.502 I 273.421 I 265.072 I 282.795 I 291.649 I
I 27 FIN, INS, ESTATE I	I 278.090 I 81.246 I 224.771 I 398.498 I 66.739 I 50.557 I 181.890 I 87.482 I
I 28 REAL ESTATE RENT I	I 14.076 I 14.500 I 35.993 I 12.870 I 9.605 I 4.689 I 17.710 I 16.204 I
I 29 TRANSPORTATION I	I 497.414 I 601.030 I 630.369 I 216.245 I 177.779 I 68.632 I 128.541 I 137.481 I
I 30 COMMUNICATION I	I 35.994 I 7.775 I 52.218 I 38.477 I 23.905 I 12.903 I 19.546 I 21.787 I
I 31 PUBLIC ADMIN. I	I 0 I 0 I 0 I 0 I 0 I 0 I 0 I
I 32 PUBLIC SERVICES I	I 8.204 I 6.378 I 83.633 I 35.820 I 5.032 I 6.354 I 24.436 I 14.241 I
I 33 PRIVATE SERVICES I	I 8.177 I 15.850 I 404.355 I 118.516 I 33.699 I 68.353 I 79.155 I 213.788 I
I 34 OFFICE SUPPLIES I	I 14.359 I 2.634 I 15.670 I 40.763 I 7.531 I 6.107 I 18.772 I 13.740 I
I 35 PACKING MATERIALS I	I 126.544 I 0.137 I 500.764 I 290.206 I 9.625 I 40.347 I 101.886 I 26.152 I
I 36 ACTIVITIES N.E.C. I	I 190.381 I 53.368 I 582.015 I 147.588 I 75.792 I 31.748 I 111.423 I 53.817 I

I 101930S	I 01 AGRICUL- I 02 MINING I 03 FOOD I 04 TEXTIL- I 05 LUMBER I 06 FURNI- I 07 PULP I 08 PRINT- I
I	I LTURE ETC. I I I PROCESSING I ES I AND WOOD I TURE ETC. I AND PAPER I NG, PUBL. I
I SUBTOTAL	I 7354.706 I 1215.779 I 18914.549 I 8533.470 I 3731.332 I 1939.563 I 5985.498 I 3445.896 I

I 101980	I 09 LEATHER I & PRODUCTS	I 10 RUBBER PRODUCTS	I 11 CHEMI- I CALS	I 12 PETRO- I LEUM, COAL	I 13 NONMET- I AL MINERAL	I 14 IRON & I STEEL MAT.	I 15 IRON & I STEEL PROD	I 16 NONFER- I ROUS METAL
I 01 AGRICULTURE, ETC.	6.760	124.345	36.092	18.060	1.878	0	0	2.104
I 02 MINING	0	0.750	121.864	12485.855	1130.388	879.051	4.754	834.672
I 03 FOOD PROCESSING	111.430	0	222.489	1.385	1.426	0	0.035	0.008
I 04 TEXTILES	31.314	133.191	43.459	2.193	20.801	1.268	6.907	11.038
I 05 LUMBER AND WOOD	0.109	0	6.363	0	23.218	0	35.296	11.229
I 06 FURNITURE, FIXTURE	0	1.347	10.786	1.540	10.816	0.919	2.576	1.444
I 07 PULP AND PAPER	6.473	8.677	355.545	0	78.024	0	0.005	4.542
I 08 PRINTING, PUBLISH.	0.940	5.205	50.879	6.881	33.781	6.438	9.010	8.373
I 09 LEATHER & PROD.	49.190	0	4.924	0	0	0	0	0
I 10 RUBBER PRODUCTS	3.215	48.474	16.954	0.947	1.274	5.441	15.201	0.492
I 11 CHEMICALS	2.990	507.031	7034.954	84.482	137.039	93.381	85.452	137.411
I 12 PETROLEUM & COAL	1.400	40.432	1950.837	861.977	558.197	1394.374	608.341	187.648
I 13 NONMETAL MINERALS	0.210	15.557	139.297	20.087	1034.903	155.429	41.461	56.657
I 14 IRON & STEEL MAT.	0	0	0	0	-0.364	4350.519	6776.300	0.168
I 15 IRON & STEEL PROD	0	10.652	2.387	0	139.858	0	4113.268	8.429
I 16 NONFERROUS METALS	0	0	87.158	0.757	57.427	173.119	135.166	2682.548
I 17 FABRICATED METALS	10.866	37.692	94.567	47.564	11.086	0.123	21.906	9.175
I 18 GENERAL MACHINERY	0.336	15.965	116.111	38.825	159.214	50.746	98.954	37.881
I 19 ELECTRICAL MACH.	0.315	0	91.043	24.239	21.115	24.703	37.946	41.293
I 20 MOTOR VEHICLES	0	0	0	0	0	0	0	0
I 21 OTHER TRANSPORT	0	0	0.113	0.096	0.429	1.421	1.672	0.013
I 22 PRECISION INST.	0.003	0.037	1.561	0.137	0.442	0.073	0.206	0.125
I 23 MANUFACTURING NEC	33.329	134.243	292.027	38.610	3.300	0	0.233	1.849
I 24 CONSTRUCTION	0.784	3.990	75.166	22.510	30.910	29.165	47.310	21.154
I 25 EL, GAS, WATER	5.122	45.752	796.831	100.867	450.580	642.313	493.610	433.397
I 26 WHOLESALE RETAIL	38.926	126.164	541.439	177.841	499.468	279.374	368.945	247.516
I 27 FIN, INS, ESTATE	3.898	96.253	560.883	337.030	205.420	130.155	267.343	211.399
I 28 REAL ESTATE RENT	1.053	4.150	109.805	40.305	40.556	24.587	33.672	5.078
I 29 TRANSPORTATION	9.420	54.360	399.593	164.655	504.509	171.373	232.826	107.277
I 30 COMMUNICATION	0.891	2.905	135.137	49.894	36.403	14.214	26.355	24.666
I 31 PUBLIC ADMIN.	0	0	0	0	0	0	0	0
I 32 PUBLIC SERVICES	1.179	36.344	313.849	38.594	36.395	34.525	119.451	25.898
I 33 PRIVATE SERVICES	3.329	20.318	457.886	43.586	63.000	38.538	64.297	27.319
I 34 OFFICE SUPPLIES	0.195	2.454	53.735	7.233	22.072	4.093	9.903	7.131
I 35 PACKING MATERIALS	3.155	28.168	174.342	1.334	85.140	3.213	157.922	60.827
I 36 ACTIVITIES N.E.C.	5.669	61.541	189.845	289.648	79.947	325.095	177.325	213.061

I 101930S	I 09 LEATHER I & PRODUCTS	I 10 RUBBER PRODUCTS	I 11 CHEMI- I CALS	I 12 PETROL- I EUM & COAL	I 13 NONMET- I AL MINERAL	I 14 IRON & I STEEL MAT.	I 15 IRON & I STEEL PROD	I 16 NONFER- I ROUS METAL
I SUBTOTAL	332.506	1565.997	14487.931	14907.232	5479.758	8833.650	13999.148	5471.822

I 101930	I 17 FABRICA I TED METALS	I 18 GENERAL I MACHINERY	I 19 ELECTRI I -CAL MACH.	I 20 MOTOR I VEHICLES	I 21 OTHER I RANSPORT	I 22 PRECI- I SION, INST	I 23 MANUFAC I -TURING NE	I 24 CONST- I RUCTION
I 01 AGRICULTURE, ETC.	0.240	0	0	0	0	0	70.417	85.483
I 02 MINING	0.883	8.362	0.010	0	0.132	0	5.422	1112.636

I 36 ACTIVITIES N.E.C. I	5.669 I	61.541 I	189.845 I	239.648 I	77.747 I	325.075 I	177.325 I	213.061 I
I 101930S I	I 09 LEATHER I 10 RUBBER I 11 CHEMI- I 12 PETROL- I 13 NONMET- I 14 IRON & I 15 IRON & I 16 NONFER- I	I & PRODUCTS I PRODUCTS I CALS I EUM & COAL I AL MINERAL I STEEL MAT. I STEEL PROD I ROUS METAL I						
I SUBTOTAL I	I 332.506 I	I 1565.997 I	I 14487.931 I	I 14907.232 I	I 5479.758 I	I 8833.650 I	I 13999.148 I	I 5471.822 I

I 101930 I	I 17 FABRICA I 18 GENERAL I 19 ELECTRI I 20 MOTOR I 21 OTHER I 22 PRECI- I 23 MANUFAC I 24 CONST- I	I TED METALS I MACHINERY I -CAL MACH. I VEHICLES I TRANSPORT I SION, INST I -TURING NE I RUCTION I						
I 01 AGRICULTURE, ETC. I	I 0.240 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 70.417 I	I 85.483 I
I 02 MINING I	I 0.888 I	I 8.362 I	I 0.010 I	I 0 I	I 0.132 I	I 0 I	I 5.422 I	I 1112.636 I
I 03 FOOD PROCESSING I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 17.634 I	I 0 I
I 04 TEXTILES I	I 20.611 I	I 23.960 I	I 47.302 I	I 29.429 I	I 32.037 I	I 19.828 I	I 76.699 I	I 395.686 I
I 05 LUMBER AND WOOD I	I 22.175 I	I 11.363 I	I 5.312 I	I 5.077 I	I 23.782 I	I 2.499 I	I 213.351 I	I 2858.620 I
I 06 FURNITURE, FIXTURE I	I 15.451 I	I 29.810 I	I 192.106 I	I 10.963 I	I 8.099 I	I 1.642 I	I 23.092 I	I 934.050 I
I 07 PULP AND PAPER I	I 0.316 I	I 21.835 I	I 35.591 I	I 7.497 I	I 0.970 I	I 5.855 I	I 120.577 I	I 177.889 I
I 08 PRINTING, PUBLISH. I	I 24.881 I	I 63.277 I	I 85.571 I	I 29.873 I	I 15.403 I	I 16.275 I	I 21.166 I	I 57.501 I
I 09 LEATHER & PROD. I	I 0.368 I	I 5.746 I	I 4.426 I	I 1.868 I	I 1.236 I	I 64.109 I	I 21.414 I	I 0 I
I 10 RUBBER PRODUCTS I	I 26.356 I	I 151.142 I	I 57.111 I	I 698.432 I	I 433.400 I	I 16.842 I	I 2.671 I	I 89.950 I
I 11 CHEMICALS I	I 67.182 I	I 83.704 I	I 279.178 I	I 151.070 I	I 167.245 I	I 9.337 I	I 1811.811 I	I 294.306 I
I 12 PETROLEUM & COAL I	I 161.067 I	I 117.888 I	I 105.930 I	I 79.069 I	I 29.472 I	I 12.162 I	I 54.452 I	I 660.308 I
I 13 NONMETAL MINERALS I	I 64.865 I	I 78.077 I	I 241.669 I	I 124.740 I	I 34.157 I	I 22.383 I	I 70.627 I	I 4766.998 I
I 14 IRON & STEEL MAT. I	I -10.197 I	I -71.846 I	I -61.803 I	I -169.077 I	I -25.640 I	I -4.796 I	I 0 I	I -19.951 I
I 15 IRON & STEEL PROD I	I 2755.315 I	I 2501.886 I	I 931.922 I	I 1381.142 I	I 503.394 I	I 140.611 I	I 26.403 I	I 1996.511 I
I 16 NONFERRROUS METALS I	I 614.180 I	I 382.519 I	I 1883.243 I	I 549.350 I	I 116.372 I	I 217.150 I	I 46.524 I	I 668.475 I
I 17 FABRICATED METALS I	I 473.838 I	I 420.823 I	I 369.339 I	I 189.436 I	I 116.735 I	I 2.677 I	I 27.690 I	I 4859.607 I
I 18 GENERAL MACHINERY I	I 81.557 I	I 6405.997 I	I 428.243 I	I 1113.538 I	I 541.530 I	I 101.218 I	I 137.029 I	I 1286.587 I
I 19 ELECTRICAL MACH. I	I 12.580 I	I 1150.026 I	I 5379.436 I	I 668.102 I	I 225.131 I	I 56.011 I	I 22.130 I	I 907.350 I
I 20 MOTOR VEHICLES I	I 0 I	I 22.070 I	I 0 I	I 4783.183 I	I 1118.532 I	I 0 I	I 0 I	I 0 I
I 21 OTHER TRANSPORT I	I 0 I	I 0 I	I 0.015 I	I 0.013 I	I 709.438 I	I 0 I	I 0 I	I 17.888 I
I 22 PRECISION INST. I	I 0.206 I	I 105.240 I	I 62.288 I	I 81.630 I	I 16.958 I	I 542.520 I	I 0.369 I	I 18.040 I
I 23 MANUFACTURING NEC I	I 18.545 I	I 179.649 I	I 807.960 I	I 349.408 I	I 109.543 I	I 117.816 I	I 972.807 I	I 767.008 I
I 24 CONSTRUCTION I	I 28.347 I	I 19.835 I	I 57.653 I	I 40.699 I	I 21.453 I	I 6.964 I	I 15.390 I	I 59.723 I
I 25 EL, GAS, WATER I	I 250.463 I	I 272.243 I	I 268.743 I	I 231.485 I	I 55.581 I	I 42.083 I	I 168.058 I	I 502.984 I
I 26 WHOLESALE RETAIL I	I 461.320 I	I 1211.646 I	I 937.153 I	I 716.128 I	I 498.218 I	I 152.891 I	I 443.973 I	I 3558.623 I
I 27 FIN, INS, ESTATE I	I 157.640 I	I 295.694 I	I 276.739 I	I 148.885 I	I 208.392 I	I 98.658 I	I 73.768 I	I 640.078 I
I 28 REAL ESTATE RENT I	I 44.971 I	I 35.913 I	I 65.377 I	I 39.294 I	I 17.515 I	I 8.993 I	I 31.179 I	I 310.077 I
I 29 TRANSPORTATION I	I 231.335 I	I 360.070 I	I 248.239 I	I 225.910 I	I 122.567 I	I 51.756 I	I 201.800 I	I 2131.516 I
I 30 COMMUNICATION I	I 60.909 I	I 73.173 I	I 199.620 I	I 27.457 I	I 29.176 I	I 20.103 I	I 47.063 I	I 202.650 I
I 31 PUBLIC ADMIN. I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I
I 32 PUBLIC SERVICES I	I 93.120 I	I 386.763 I	I 344.557 I	I 192.358 I	I 84.713 I	I 56.398 I	I 20.726 I	I 270.265 I
I 33 PRIVATE SERVICES I	I 149.658 I	I 536.402 I	I 697.419 I	I 226.408 I	I 52.098 I	I 69.402 I	I 102.001 I	I 1605.582 I
I 34 OFFICE SUPPLIES I	I 11.523 I	I 62.388 I	I 122.686 I	I 30.419 I	I 11.617 I	I 13.233 I	I 11.662 I	I 42.153 I
I 35 PACKING MATERIALS I	I 245.161 I	I 63.477 I	I 246.030 I	I 12.688 I	I 8.522 I	I 19.382 I	I 239.741 I	I 0 I
I 36 ACTIVITIES N.E.C. I	I 169.515 I	I 339.067 I	I 410.787 I	I 167.137 I	I 187.170 I	I 94.056 I	I 173.160 I	I 650.007 I

I 101930S I	I 17 FABRICA I 18 GENERAL I 19 ELECTRI- I 20 MOTOR I 21 OTHER I 22 PRECI- I 23 MANUFAC I 24 CONST- I	I TED METALS I MACHINERY I CAL MACH. I VEHICLES I TRANSPORT I SION INST. I TURING NEC I RUCTION I						
I SUBTOTAL I	I 6254.586 I	I 15348.199 I	I 14729.852 I	I 12143.611 I	I 5479.948 I	I 1978.058 I	I 5275.806 I	I 31908.600 I

I I01980	I 25 EL, I GAS, WATER	I 26 WHOLESA I LE RETAIL	I 27 FIN, I INS, ESTATE	I 28 REAL ES I TATE RENT	I 29 TRANS- I PORTATION	I 30 COMMU- I NICATION	I 31 PUBLIC I ADMIN.	I 32 PUBLIC I SERVICES	I
I 01 AGRICULTURE, ETC.	I 0	I 0	I 0	I 0	I 0.965	I 0	I 2.784	I 166.270	I
I 02 MINING	I 2023.752	I 0	I 0.068	I 0	I 0.047	I 0.099	I 0.285	I 7.401	I
I 03 FOOD PROCESSING	I 0	I 16.896	I 0	I 0	I 3.337	I 0	I 4.196	I 332.266	I
I 04 TEXTILES	I 11.760	I 125.458	I 14.429	I 0.282	I 103.770	I 18.294	I 74.280	I 101.432	I
I 05 LUMBER AND WOOD	I 0.361	I 90.442	I 0	I 0	I 2.399	I 0	I 0.384	I 0.095	I
I 06 FURNITURE, FIXTURE	I 19.804	I 57.760	I 47.038	I 0.427	I 19.218	I 9.658	I 48.340	I 282.233	I
I 07 PULP AND PAPER	I 4.662	I 256.236	I 20.728	I 0	I 22.043	I 11.414	I 10.318	I 86.010	I
I 08 PRINTING, PUBLISH.	I 29.821	I 192.676	I 322.493	I 0.715	I 52.540	I 38.797	I 229.071	I 862.168	I
I 09 LEATHER & PROD.	I 1.099	I 2.470	I 0	I 0	I 0.103	I 0.030	I 0.043	I 0	I
I 10 RUBBER PRODUCTS	I 6.173	I 1.282	I 0	I 0	I 10.443	I 1.677	I 32.947	I 26.414	I
I 11 CHEMICALS	I 42.564	I 0.254	I 0	I 0.006	I 5.667	I 7.101	I 68.539	I 2968.697	I
I 12 PETROLEUM & COAL	I 2623.601	I 283.962	I 12.972	I 2.757	I 670.223	I 12.819	I 184.586	I 266.954	I
I 13 NONMETAL MINERALS	I 9.780	I 41.014	I 0	I 0	I 1.004	I 0	I 3.496	I 66.792	I
I 14 IRON & STEEL MAT.	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I
I 15 IRON & STEEL PROD.	I 1.065	I 0	I 0	I 0	I 0.487	I 0	I 2.953	I 0	I
I 16 NONFERROUS METALS	I 5.327	I 0	I 0	I 0	I 0.012	I 0	I 1.225	I 32.858	I
I 17 FABRICATED METALS	I 5.794	I 143.365	I 0	I 0	I 21.624	I 0.065	I 13.518	I 21.502	I
I 18 GENERAL MACHINERY	I 31.387	I 20.030	I 24.250	I 0	I 20.482	I 4.215	I 108.216	I 105.711	I
I 19 ELECTRICAL MACH.	I 286.171	I 9.986	I 9.577	I 0	I 7.243	I 24.932	I 111.052	I 65.511	I
I 20 MOTOR VEHICLES	I 0	I 0	I 0	I 0	I 0	I 0	I 19.282	I 0	I
I 21 OTHER TRANSPORT	I 1.041	I 0.024	I 0	I 0	I 4525.286	I 0.541	I 364.551	I 5.956	I
I 22 PRECISION INST.	I 18.500	I 100.663	I 2.335	I 0.025	I 2.444	I 0.882	I 9.509	I 127.758	I
I 23 MANUFACTURING NEC	I 5.916	I 107.018	I 102.344	I 12.056	I 4.716	I 4.471	I 26.029	I 161.183	I
I 24 CONSTRUCTION	I 278.911	I 325.064	I 1383.340	I 111.277	I 204.016	I 12.202	I 217.265	I 288.807	I
I 25 EL, GAS, WATER	I 402.938	I 619.522	I 123.798	I 33.528	I 620.075	I 59.873	I 441.838	I 906.642	I
I 26 WHOLESALE RETAIL	I 209.983	I 1333.727	I 211.841	I 7.205	I 2043.648	I 53.837	I 190.579	I 1312.921	I
I 27 FIN, INS, ESTATE	I 844.797	I 3207.605	I 1062.113	I 44.113	I 1483.111	I 53.397	I 21.427	I 316.174	I
I 28 REAL ESTATE RENT	I 57.285	I 1655.723	I 389.936	I 0	I 466.070	I 78.835	I 59.315	I 303.911	I
I 29 TRANSPORTATION	I 386.722	I 2839.866	I 212.243	I 18.428	I 3594.553	I 130.755	I 594.306	I 611.103	I
I 30 COMMUNICATION	I 29.305	I 933.739	I 414.943	I 0.089	I 109.973	I 66.179	I 132.365	I 226.511	I
I 31 PUBLIC ADMIN.	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I
I 32 PUBLIC SERVICES	I 79.782	I 147.537	I 119.394	I 17.064	I 261.468	I 109.074	I 4.732	I 93.368	I
I 33 PRIVATE SERVICES	I 275.984	I 1929.228	I 1310.337	I 81.438	I 562.863	I 54.775	I 616.334	I 1036.889	I
I 34 OFFICE SUPPLIES	I 32.048	I 133.219	I 70.782	I 0.359	I 48.414	I 24.492	I 43.729	I 94.284	I
I 35 PACKING MATERIALS	I 0	I 268.867	I 0	I 0	I 20.046	I 0.318	I 0.302	I 0	I
I 36 ACTIVITIES N.E.C.	I 145.920	I 649.448	I 792.019	I 15.475	I 320.245	I 168.547	I 5.794	I 584.638	I

I I01980S	I 25 EL, GAS, I WATER	I 26 WHOLES- I ALE, RETAIL	I 27 FIN, I INS, ESTATE	I 28 REAL ES I TATE RENT	I 29 TRANS- I PORTATION	I 30 COMMU- I NICATION	I 31 PUBLIC I ADMIN.	I 32 PUBLIC I SERVICES	I
I SUBTOTAL	I 7872.253	I 15513.081	I 7148.980	I 345.244	I 21345.537	I 1017.329	I 3644.590	I 11462.459	I

I I01980	I 33 PRIVATE I SERVICES	I 34 OFFICE I SUPPLIES	I 35 PACKING I MATERIALS	I 36 ACTIVI- I TIES NEC	I I000T80	I INTERMED. I DEMAND	I
I 01 AGRICULTURE, ETC.	I 1026.076	I 0	I 0	I 12.532	I 01 AGRICULTURE, ETC.	I 15954.513	I
I 02 MINING	I 0.982	I 0	I 0	I 70.378	I 02 MINING	I 18776.221	I
I 03 FOOD PROCESSING	I 2784.574	I 0	I 0	I 62.155	I 03 FOOD PROCESSING	I 8523.617	I

I 36 ACTIVITIES N.E.C. I	145.920 I	649.448 I	792.019 I	15.475 I	20.046 I	520.245 I	168.547 I	0.318 I	0.302 I	0 I
I 101930S	I 25 EL, GAS, I	I 26 WHOLES-	I 27 FIN,	I 28 REAL ES	I 29 TRANS-	I 30 COMMU-	I 31 PUBLIC	I 32 PUBLIC	I	I
I	I WATER	I ALE, RETAIL	I INS, ESTATE	I TATE RENT	I PORTATION	I NICATION	I ADMIN.	I SERVICES	I	I
I SUBTOTAL	I 7872.253 I	I 15513.081 I	I 7148.980 I	I 345.244 I	I 21345.537 I	I 1017.329 I	I 3644.590 I	I 11462.459 I	I	I

I 101980	I 33 PRIVATE I	I 34 OFFICE I	I 35 PACKING I	I 36 ACTIVI- I	I 100UT80	I INTERMED. I
I	I SERVICES I	I SUPPLIES I	I MATERIALS I	I TIES NEC I	I	I DEMAND I
I 01 AGRICULTURE, ETC. I	1026.076 I	0 I	0 I	12.532 I	I 01 AGRICULTURE, ETC. I	15954.513 I
I 02 MINING I	0.982 I	0 I	0 I	70.378 I	I 02 MINING I	18776.221 I
I 03 FOOD PROCESSING I	2784.574 I	0 I	0 I	62.155 I	I 03 FOOD PROCESSING I	8523.617 I
I 04 TEXTILES I	108.537 I	8.126 I	45.465 I	447.069 I	I 04 TEXTILES I	6010.146 I
I 05 LUMBER AND WOOD I	48.593 I	0 I	228.270 I	14.672 I	I 05 LUMBER AND WOOD I	5283.631 I
I 06 FURNITURE, FIXTURE I	139.712 I	0 I	0 I	57.073 I	I 06 FURNITURE, FIXTURE I	2070.721 I
I 07 PULP AND PAPER I	217.698 I	389.670 I	1389.520 I	75.133 I	I 07 PULP AND PAPER I	8047.602 I
I 08 PRINTING, PUBLISH. I	1370.914 I	0 I	22.175 I	51.915 I	I 08 PRINTING, PUBLISH. I	5135.162 I
I 09 LEATHER & PROD. I	2.031 I	0 I	0 I	2.125 I	I 09 LEATHER & PROD. I	260.407 I
I 10 RUBBER PRODUCTS I	25.260 I	5.637 I	0.667 I	58.294 I	I 10 RUBBER PRODUCTS I	1843.752 I
I 11 CHEMICALS I	231.752 I	62.570 I	4.163 I	468.102 I	I 11 CHEMICALS I	17486.872 I
I 12 PETROLEUM & COAL I	362.937 I	0 I	4.335 I	351.297 I	I 12 PETROLEUM & COAL I	19024.700 I
I 13 NONMETAL MINERALS I	105.288 I	4.928 I	0 I	117.860 I	I 13 NONMETAL MINERALS I	7576.598 I
I 14 IRON & STEEL MAT. I	0.009 I	0 I	0 I	264.898 I	I 14 IRON & STEEL MAT. I	11028.720 I
I 15 IRON & STEEL PROD I	1.075 I	0 I	14.071 I	650.296 I	I 15 IRON & STEEL PROD I	15268.493 I
I 16 NONFERROUS METALS I	0.077 I	0 I	0.012 I	36.593 I	I 16 NONFERROUS METALS I	7755.856 I
I 17 FABRICATED METALS I	74.159 I	2.051 I	9.926 I	339.911 I	I 17 FABRICATED METALS I	8071.673 I
I 18 GENERAL MACHINERY I	91.952 I	52.245 I	2.804 I	302.997 I	I 18 GENERAL MACHINERY I	11813.944 I
I 19 ELECTRICAL MACH. I	151.598 I	0 I	0 I	221.417 I	I 19 ELECTRICAL MACH. I	9594.516 I
I 20 MOTOR VEHICLES I	0 I	0 I	0 I	0 I	I 20 MOTOR VEHICLES I	5943.067 I
I 21 OTHER TRANSPORT I	9.878 I	0 I	0 I	24.102 I	I 21 OTHER TRANSPORT I	5756.024 I
I 22 PRECISION INST. I	16.892 I	0 I	0 I	2.899 I	I 22 PRECISION INST. I	1114.685 I
I 23 MANUFACTURING NEC I	228.110 I	149.515 I	246.800 I	128.420 I	I 23 MANUFACTURING NEC I	5628.922 I
I 24 CONSTRUCTION I	181.986 I	0 I	1.864 I	44.203 I	I 24 CONSTRUCTION I	4235.178 I
I 25 EL, GAS, WATER I	1108.184 I	0 I	15.573 I	297.891 I	I 25 EL, GAS, WATER I	10573.850 I
I 26 WHOLESALE RETAIL I	2030.676 I	342.953 I	197.639 I	733.299 I	I 26 WHOLESALE, RETAIL I	22706.040 I
I 27 FIN, INS, ESTATE I	873.013 I	0 I	1.729 I	446.680 I	I 27 FIN, INS, ESTATE I	13485.717 I
I 28 REAL ESTATE RENT I	715.005 I	0 I	6.172 I	102.774 I	I 28 REAL ESTATE RENT I	4778.253 I
I 29 TRANSPORTATION I	1195.771 I	23.710 I	62.059 I	742.667 I	I 29 TRANSPORTATION I	18187.385 I
I 30 COMMUNICATION I	352.673 I	0 I	1.300 I	77.841 I	I 30 COMMUNICATION I	3508.139 I
I 31 PUBLIC ADMIN. I	0 I	0 I	0 I	244.789 I	I 31 PUBLIC ADMIN. I	244.789 I
I 32 PUBLIC SERVICES I	211.450 I	0 I	0 I	116.825 I	I 32 PUBLIC SERVICES I	3399.927 I
I 33 PRIVATE SERVICES I	2593.124 I	0 I	15.894 I	438.445 I	I 33 PRIVATE SERVICES I	14030.157 I
I 34 OFFICE SUPPLIES I	61.256 I	0 I	2.541 I	0 I	I 34 OFFICE SUPPLIES I	1043.677 I
I 35 PACKING MATERIALS I	0.988 I	0 I	0 I	10.250 I	I 35 PACKING MATERIALS I	2745.584 I
I 36 ACTIVITIES N.E.C. I	484.655 I	2.272 I	6.603 I	0 I	I 36 ACTIVITIES N.E.C. I	8004.783 I

I 101930S	I 33 PRIVATE I	I 34 OFFICE I	I 35 PACKING I	I 36 ACTIVI- I	I 100UT80S	I INTERMED. I
I	I SERVICES I	I SUPPLIES I	I MATERIALS I	I TIES NEC I	I	I DEMAND I
I SUBTOTAL	I 16807.185 I	I 1043.677 I	I 2279.687 I	I 7015.802 I	I SUBTOTAL	I 304913.321 I

1-8 Interindustry transaction, 1985

(current prices, billion yen)

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I I01985	I 01 AGRICULTURE ETC.	I 02 MINING	I 03 FOOD PROCESSING	I 04 TEXTILES	I 05 LUMBER AND WOOD	I 06 FURNITURE ETC.	I 07 PULP AND PAPER	I 08 PRINTING, PUBL.
I 01 AGRICULTURE, ETC.	1941.423	4.759	9893.855	564.640	1302.523	0.277	25.454	0
I 02 MINING	0.147	6.041	5.582	0.455	0.071	0	42.038	0
I 03 FOOD PROCESSING	1654.770	0	3563.069	33.642	7.363	0	19.916	0
I 04 TEXTILES	109.524	5.109	30.582	3971.491	6.023	60.554	12.119	61.712
I 05 LUMBER AND WOOD	9.095	2.211	50.405	9.648	338.574	445.132	365.440	1.265
I 06 FURNITURE, FIXTURE	6.639	1.429	13.842	8.020	1.636	101.115	3.997	6.773
I 07 PULP AND PAPER	32.288	0	302.923	14.235	28.284	31.448	2923.207	1459.644
I 08 PRINTING, PUBLISH.	18.188	4.871	75.330	53.291	6.275	8.559	799.157	1071.136
I 09 LEATHER & PROD.	0.026	0	0	104.929	0	0.232	0.125	3.732
I 10 RUBBER PRODUCTS	12.938	5.368	5.237	78.396	0.200	16.522	2.141	4.476
I 11 CHEMICALS	820.078	19.529	282.901	995.739	92.851	74.429	202.833	299.618
I 12 PETROLEUM & COAL	531.004	342.470	296.035	163.826	32.868	18.817	191.178	23.394
I 13 NONMETAL MINERALS	27.566	0.084	342.941	0	2.243	26.751	4.862	0.221
I 14 IRON & STEEL MAT.	0	0	0	0	0	0	0	0
I 15 IRON & STEEL PROD	2.717	8.719	0.515	1.384	3.948	72.411	0	0
I 16 NONFERROUS METALS	0	0.997	21.074	0	3.011	9.877	0.375	33.198
I 17 FABRICATED METALS	76.597	29.723	465.108	73.043	19.682	204.050	13.458	1.701
I 18 GENERAL MACHINERY	262.179	25.755	179.816	63.405	18.357	12.468	33.657	33.733
I 19 ELECTRICAL MACH.	3.298	13.318	1.456	11.096	0.863	5.192	0	20.878
I 20 MOTOR VEHICLES	0	0	0	0	0	0	0	0
I 21 OTHER TRANSPORT	196.473	134.324	31.194	19.978	15.075	5.562	9.005	16.398
I 22 PRECISION INST.	0.430	0.020	0.211	0.528	0.082	0.086	0.241	0.880
I 23 MANUFACTURING NEC	172.717	1.695	246.008	111.874	29.835	131.148	0.040	98.953
I 24 CONSTRUCTION	84.295	8.088	66.507	31.532	3.521	6.895	17.056	17.578
I 25 EL, GAS, WATER	94.577	66.702	420.285	194.974	70.519	37.207	443.449	121.259
I 26 WHOLESALE RETAIL	550.073	165.666	1512.913	869.884	239.964	267.732	340.484	377.360
I 27 FIN, INS, ESTATE	340.883	95.100	269.716	464.214	76.096	69.044	239.282	136.463
I 28 REAL ESTATE RENT	18.308	16.807	47.599	15.962	11.683	5.664	23.724	24.464
I 29 TRANSPORTATION	294.512	83.787	600.652	187.327	96.237	54.986	122.072	139.008
I 30 COMMUNICATION	40.886	7.096	60.435	41.556	24.903	12.699	21.756	29.821
I 31 PUBLIC ADMIN.	0	0	0	0	0	0	0	0
I 32 PUBLIC SERVICES	10.275	7.651	119.034	48.754	6.029	7.611	34.532	22.085
I 33 PRIVATE SERVICES	10.674	28.240	510.103	141.195	46.993	84.955	127.598	435.585
I 34 OFFICE SUPPLIES	14.246	2.219	16.167	39.020	6.262	5.568	20.178	15.606
I 35 PACKING MATERIALS	124.208	0.154	521.719	268.115	8.809	36.135	124.678	25.258
I 36 ACTIVITIES N.E.C.	209.045	50.359	703.612	159.307	70.778	86.290	118.706	70.369

I I01985S	I 01 AGRICULTURE ETC.	I 02 MINING	I 03 FOOD PROCESSING	I 04 TEXTILES	I 05 LUMBER AND WOOD	I 06 FURNITURE ETC.	I 07 PULP AND PAPER	I 08 PRINTING, PUBL.
I SUBTOTAL	7670.079	1138.291	20656.826	8741.460	2571.558	1899.406	6282.758	4552.568

I I01985	I 09 LEATHER & PRODUCTS	I 10 RUBBER PRODUCTS	I 11 CHEMICALS	I 12 PETROLEUM, COAL	I 13 NONMETAL MINERAL	I 14 IRON & STEEL MAT.	I 15 IRON & STEEL PROD	I 16 NONFERROUS METAL
I 01 AGRICULTURE, ETC.	11.055	95.835	47.221	18.232	1.001	0	0	0.848
I 02 MINING	0	1.588	123.828	9160.626	1039.118	796.697	5.200	565.203

I 36 ACTIVITIES N.E.C. I 209.045 I 50.359 I 703.612 I 268.115 I 159.307 I 70.778 I 8.809 I 36.135 I 118.706 I 124.678 I 25.258 I 70.369 I

I 101985S	I 01 AGRICU- I 02 MINING I 03 FOOD I 04 TEXTIL- I 05 LUMBER I 06 FURNI- I 07 PULP I 08 PRINT- I
I	I LTURE ETC. I I PROCESSING I ES I AND WOOD I TURE ETC. I AND PAPER I ING, PUBL. I
I SUBTOTAL	I 7670.079 I 1138.291 I 20656.826 I 8741.460 I 2571.558 I 1899.406 I 6282.758 I 4552.568 I

I 101985	I 09 LEATHER I 10 RUBBER I 11 CHEMI- I 12 PETRO- I 13 NONMET- I 14 IRON & I 15 IRON & I 16 NONFER- I
I	I & PRODUCTS I PRODUCTS I CALS I LEUM, COAL I AL MINERAL I STEEL MAT. I STEEL PROD I ROUS METAL I
I 01 AGRICULTURE, ETC. I	I 11.055 I 95.835 I 47.221 I 18.232 I 1.001 I 0 I 0 I 0.848 I
I 02 MINING I	I 0 I 1.588 I 123.828 I 9160.626 I 1039.118 I 796.697 I 5.200 I 565.203 I
I 03 FOOD PROCESSING I	I 137.221 I 0 I 280.414 I 0.936 I 1.708 I 0 I 0.017 I 0.004 I
I 04 TEXTILES I	I 24.531 I 138.261 I 45.675 I 2.190 I 19.682 I 1.225 I 7.988 I 11.117 I
I 05 LUMBER AND WOOD I	I 0.068 I 0 I 5.383 I 0 I 16.710 I 0 I 37.152 I 11.586 I
I 06 FURNITURE, FIXTURE I	I 0 I 1.807 I 12.932 I 1.374 I 11.971 I 0.860 I 2.725 I 1.463 I
I 07 PULP AND PAPER I	I 6.599 I 10.694 I 385.937 I 0 I 74.707 I 0 I 0.005 I 4.460 I
I 08 PRINTING, PUBLISH. I	I 0.908 I 7.275 I 68.187 I 6.359 I 33.032 I 6.473 I 10.090 I 8.816 I
I 09 LEATHER & PROD. I	I 42.483 I 0 I 6.959 I 0 I 0 I 0 I 0 I 0 I
I 10 RUBBER PRODUCTS I	I 4.048 I 50.164 I 18.477 I 0.981 I 1.202 I 5.164 I 15.369 I 0.472 I
I 11 CHEMICALS I	I 2.986 I 597.631 I 6921.526 I 131.060 I 136.946 I 76.876 I 96.149 I 136.300 I
I 12 PETROLEUM & COAL I	I 3.399 I 36.509 I 1490.702 I 743.834 I 286.277 I 1465.510 I 485.259 I 139.899 I
I 13 NONMETAL MINERALS I	I 0.233 I 19.635 I 157.512 I 19.033 I 857.917 I 103.644 I 42.827 I 22.662 I
I 14 IRON & STEEL MAT. I	I 0 I 0 I 0 I 0 I -0.259 I 3786.921 I 6136.551 I 0.146 I
I 15 IRON & STEEL PROD I	I 0 I 14.923 I 5.563 I 0 I 99.977 I 0 I 4426.481 I 9.205 I
I 16 NONFERROUS METALS I	I 0 I 0 I 72.367 I 0.790 I 50.742 I 115.844 I 130.881 I 2345.343 I
I 17 FABRICATED METALS I	I 7.712 I 53.796 I 118.106 I 49.227 I 10.342 I 0.091 I 25.216 I 8.903 I
I 18 GENERAL MACHINERY I	I 0.438 I 27.845 I 155.231 I 61.094 I 249.383 I 62.239 I 125.094 I 48.837 I
I 19 ELECTRICAL MACH. I	I 0.402 I 0 I 105.390 I 31.618 I 21.624 I 27.460 I 54.559 I 36.714 I
I 20 MOTOR VEHICLES I	I 0 I 0 I 0 I 0 I 0 I 0 I 0 I 0 I
I 21 OTHER TRANSPORT I	I 1.519 I 4.220 I 15.084 I 5.185 I 12.303 I 8.696 I 26.589 I 3.868 I
I 22 PRECISION INST. I	I 0.001 I 0.019 I 1.101 I 0.046 I 0.314 I 0.025 I 0.078 I 0.056 I
I 23 MANUFACTURING NEC I	I 36.997 I 185.807 I 337.157 I 51.153 I 3.024 I 0 I 0.248 I 1.859 I
I 24 CONSTRUCTION I	I 0.733 I 5.305 I 92.258 I 20.485 I 30.009 I 27.887 I 51.571 I 22.803 I
I 25 EL, GAS, WATER I	I 5.795 I 58.653 I 1060.960 I 126.411 I 452.451 I 633.744 I 582.115 I 326.106 I
I 26 WHOLESALE RETAIL I	I 32.261 I 158.877 I 644.056 I 221.567 I 557.320 I 320.706 I 423.341 I 241.324 I
I 27 FIN, INS, ESTATE I	I 3.659 I 120.371 I 726.598 I 496.653 I 247.245 I 218.997 I 341.851 I 227.214 I
I 28 REAL ESTATE RENT I	I 1.154 I 6.640 I 153.030 I 50.821 I 44.034 I 27.365 I 49.549 I 6.724 I
I 29 TRANSPORTATION I	I 4.576 I 57.716 I 453.592 I 144.896 I 425.702 I 140.435 I 194.427 I 95.061 I
I 30 COMMUNICATION I	I 0.847 I 4.613 I 159.452 I 45.596 I 35.115 I 13.499 I 27.674 I 24.670 I
I 31 PUBLIC ADMIN. I	I 0 I 0 I 0 I 0 I 0 I 0 I 0 I 0 I
I 32 PUBLIC SERVICES I	I 1.255 I 57.783 I 459.251 I 40.892 I 43.069 I 37.834 I 148.429 I 36.573 I
I 33 PRIVATE SERVICES I	I 3.222 I 30.759 I 644.491 I 44.385 I 69.629 I 44.964 I 78.017 I 33.879 I
I 34 OFFICE SUPPLIES I	I 0.160 I 2.951 I 64.663 I 5.752 I 18.176 I 3.499 I 9.478 I 7.218 I
I 35 PACKING MATERIALS I	I 2.219 I 29.563 I 191.483 I 0.876 I 87.197 I 2.377 I 153.813 I 57.413 I
I 36 ACTIVITIES N.E.C. I	I 5.387 I 67.944 I 237.554 I 564.718 I 83.045 I 297.402 I 210.544 I 236.994 I

I 101985S	I 09 LEATHER I 10 RUBBER I 11 CHEMI- I 12 PETROL- I 13 NONMET- I 14 IRON & I 15 IRON & I 16 NONFER- I
I	I & PRODUCTS I PRODUCTS I CALS I EUM & COAL I AL MINERAL I STEEL MAT. I STEEL PROD I ROUS METAL I
I SUBTOTAL	I 341.868 I 1847.184 I 15262.140 I 12046.790 I 5020.713 I 8236.434 I 13899.287 I 4673.740 I

I 101985	I 17 FABRICA I TED METALS	I 18 GENERAL I MACHINERY	I 19 ELECTRI I -CAL MACH.	I 20 MOTOR I VEHICLES	I 21 OTHER T I RANSPORT	I 22 PRECI- I SION, INST	I 23 MANUFAC I -TURING NE	I 24 CONST- I RUCTION	I
I 01 AGRICULTURE, ETC.	0.254	0	0	0	0	0	78.573	74.231	I
I 02 MINING	0.745	10.039	0.017	0	0.119	0	7.685	905.741	I
I 03 FOOD PROCESSING	0	0	0	0	0	0	22.016	0	I
I 04 TEXTILES	22.535	33.477	97.280	37.808	31.662	23.525	104.434	349.513	I
I 05 LUMBER AND WOOD	17.644	9.240	8.393	4.947	21.865	2.570	221.815	1793.590	I
I 06 FURNITURE, FIXTURE	14.099	25.391	224.756	13.136	8.390	1.923	27.935	780.499	I
I 07 PULP AND PAPER	0.448	21.045	60.954	6.815	0.900	8.843	153.612	166.436	I
I 08 PRINTING, PUBLISH.	29.862	79.514	218.688	37.510	15.753	19.293	29.389	56.748	I
I 09 LEATHER & PROD.	0.390	5.510	4.914	2.461	0.997	68.826	29.557	0	I
I 10 RUBBER PRODUCTS	29.974	197.956	89.660	781.662	472.652	24.352	5.745	94.066	I
I 11 CHEMICALS	73.509	116.483	601.832	206.873	171.744	10.612	2125.003	262.491	I
I 12 PETROLEUM & COAL	199.747	146.240	197.265	102.090	31.497	23.117	113.618	1097.412	I
I 13 NONMETAL MINERALS	64.306	74.244	428.900	111.810	31.787	24.393	98.929	4564.737	I
I 14 IRON & STEEL MAT.	5.392	-62.125	-89.401	-115.587	-19.416	-4.118	0	-11.829	I
I 15 IRON & STEEL PROD	3101.572	2665.494	1221.944	1467.109	484.589	189.209	34.315	1796.041	I
I 16 NONFERROUS METALS	496.621	457.394	2516.831	499.430	123.490	241.340	45.984	465.257	I
I 17 FABRICATED METALS	588.366	524.313	692.886	234.213	127.740	3.388	33.016	6083.708	I
I 18 GENERAL MACHINERY	145.352	9331.065	1101.226	1734.375	593.441	133.936	276.351	1734.662	I
I 19 ELECTRICAL MACH.	14.128	1814.183	12067.030	979.026	189.665	62.720	35.295	824.754	I
I 20 MOTOR VEHICLES	0	22.015	0	6697.454	1566.259	0	0	0	I
I 21 OTHER TRANSPORT	25.786	20.348	30.636	5.959	870.117	6.428	40.574	346.575	I
I 22 PRECISION INST.	0.095	144.235	114.792	110.717	13.283	596.883	0.316	19.515	I
I 23 MANUFACTURING NEC	16.971	312.327	1718.857	525.080	111.449	136.677	1682.642	802.008	I
I 24 CONSTRUCTION	31.982	24.624	107.227	40.806	22.360	9.750	21.786	56.076	I
I 25 EL, GAS, WATER	304.575	371.049	740.622	306.571	67.824	72.485	275.787	521.894	I
I 26 WHOLESALE RETAIL	671.118	1725.370	1889.917	1046.796	682.477	179.287	661.878	3777.162	I
I 27 FIN, INS, ESTATE	243.698	399.734	701.934	204.769	279.172	140.840	107.768	861.303	I
I 28 REAL ESTATE RENT	55.745	54.078	124.232	55.774	21.654	13.248	48.137	342.396	I
I 29 TRANSPORTATION	200.988	439.685	484.544	252.333	127.087	60.834	177.301	1283.309	I
I 30 COMMUNICATION	66.367	105.666	395.844	37.317	34.085	34.221	65.701	187.032	I
I 31 PUBLIC ADMIN.	0	0	0	0	0	0	0	0	I
I 32 PUBLIC SERVICES	124.475	566.115	879.773	265.231	111.389	83.822	29.165	270.664	I
I 33 PRIVATE SERVICES	222.266	942.036	1700.099	348.213	58.950	89.294	156.086	2249.830	I
I 34 OFFICE SUPPLIES	11.584	67.033	325.199	47.193	10.194	17.849	13.360	35.327	I
I 35 PACKING MATERIALS	243.695	76.646	391.533	13.033	9.844	24.730	292.161	0	I
I 36 ACTIVITIES N.E.C.	196.618	427.211	920.981	207.779	224.741	109.851	267.641	596.945	I

I 101985	I 17 FABRICA I TED METALS	I 18 GENERAL I MACHINERY	I 19 ELECTRI- I CAL MACH.	I 20 MOTOR I VEHICLES	I 21 OTHER I TRANSPORT	I 22 PRECI- I SION INST.	I 23 MANUFAC I TURING NEC	I 24 CONST- I RUCTION	I
I SUBTOTAL	7220.907	21147.635	29969.365	19253.831	3517.632	2410.128	7283.575	32388.093	I

I 101985	I 25 EL, I GAS, WATER	I 26 WHOLESA I LE RETAIL	I 27 FIN, I INS, ESTATE	I 28 REAL ES I TATE RENT	I 29 TRANS- I PORTATION	I 30 COMMU- I NICATION	I 31 PUBLIC I ADMIN.	I 32 PUBLIC I SERVICES	I
I 01 AGRICULTURE, ETC.	0	0	0	0	1.099	0	3.016	210.195	I
I 02 MINING	2837.729	0	0.120	0	0.050	0.122	0.308	9.587	I
I 03 FOOD PROCESSING	0	19.590	0	0	8.865	0	4.759	119.065	I

I 36 ACTIVITIES N.E.C.	I 196.618	I 427.211	I 920.981	I 207.779	I 224.741	I 109.851	I 267.641	I 596.945
I I01985S	I 17 FABRICA	I 18 GENERAL	I 19 ELECTR-	I 20 MOTOR	I 21 OTHER	I 22 PRECI-	I 23 MANUFAC	I 24 CONST-
I I	I TED METALS	I MACHINERY	I CAL MACH.	I VEHICLES	I TRANSPORT	I SION INST.	I TURING NEC	I RUCTION
I SUBTOTAL	I 7220.907	I 21147.635	I 29969.365	I 19253.831	I 3517.632	I 2410.128	I 7283.575	I 32388.093

I I01985	I 25 EL,	I 26 WHOLES	I 27 FIN,	I 28 REAL ES	I 29 TRANS-	I 30 COMMU-	I 31 PUBLIC	I 32 PUBLIC
I I	I GAS, WATER	I LE RETAIL	I INS, ESTATE	I TATE RENT	I PORTATION	I NICATION	I ADMIN.	I SERVICES
I 01 AGRICULTURE, ETC.	I 0	I 0	I 0	I 0	I 1.099	I 0	I 3.016	I 210.195
I 02 MINING	I 2837.729	I 0	I 0.120	I 0	I 0.050	I 0.122	I 0.308	I 9.587
I 03 FOOD PROCESSING	I 0	I 19.590	I 0	I 0	I 3.865	I 0	I 4.759	I 418.065
I 04 TEXTILES	I 14.233	I 160.191	I 24.588	I 0.420	I 103.563	I 22.950	I 86.968	I 125.463
I 05 LUMBER AND WOOD	I 0.365	I 94.082	I 0	I 0	I 2.420	I 0	I 0.336	I 0.128
I 06 FURNITURE, FIXTURE	I 22.417	I 78.389	I 67.934	I 0.552	I 20.957	I 11.508	I 50.200	I 324.515
I 07 PULP AND PAPER	I 5.034	I 284.034	I 31.612	I 0	I 26.854	I 13.619	I 10.862	I 104.500
I 08 PRINTING, PUBLISH.	I 37.686	I 237.606	I 532.608	I 0.942	I 57.405	I 101.649	I 243.903	I 1263.667
I 09 LEATHER & PROD.	I 1.620	I 3.215	I 0	I 0	I 0.108	I 0.034	I 0.050	I 0
I 10 RUBBER PRODUCTS	I 6.873	I 1.798	I 0	I 0	I 11.519	I 2.216	I 38.099	I 33.438
I 11 CHEMICALS	I 45.635	I 0.341	I 0	I 0.006	I 6.928	I 6.187	I 134.218	I 3524.174
I 12 PETROLEUM & COAL	I 1523.122	I 1342.946	I 76.354	I 13.263	I 1774.845	I 24.208	I 252.199	I 421.037
I 13 NONMETAL MINERALS	I 13.131	I 46.766	I 0	I 0	I 1.242	I 0	I 4.104	I 89.253
I 14 IRON & STEEL MAT.	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I 15 IRON & STEEL PROD	I 1.174	I 0	I 0	I 0	I 0.645	I 0	I 3.033	I 0
I 16 NONFERROUS METALS	I 5.412	I 0	I 0	I 0	I 0.013	I 0	I 1.247	I 33.290
I 17 FABRICATED METALS	I 7.032	I 190.579	I 0	I 0	I 20.877	I 0.060	I 13.255	I 14.681
I 18 GENERAL MACHINERY	I 47.776	I 29.409	I 48.501	I 0	I 31.415	I 5.743	I 164.466	I 180.976
I 19 ELECTRICAL MACH.	I 586.585	I 11.907	I 16.667	I 0	I 7.248	I 35.943	I 114.438	I 88.592
I 20 MOTOR VEHICLES	I 0	I 0	I 0	I 0	I 0	I 0	I 21.062	I 0
I 21 OTHER TRANSPORT	I 83.924	I 783.927	I 39.555	I 6.475	I 1592.770	I 8.516	I 830.130	I 103.867
I 22 PRECISION INST.	I 25.396	I 175.165	I 1.284	I 0.011	I 1.334	I 0.911	I 11.117	I 176.479
I 23 MANUFACTURING NEC	I 6.898	I 115.582	I 145.988	I 17.155	I 6.179	I 6.617	I 30.845	I 219.026
I 24 CONSTRUCTION	I 303.982	I 326.648	I 1383.923	I 130.002	I 216.554	I 14.736	I 194.957	I 307.050
I 25 EL, GAS, WATER	I 581.794	I 785.228	I 214.199	I 49.307	I 745.994	I 93.596	I 542.531	I 1342.769
I 26 WHOLESALE RETAIL	I 369.054	I 1953.814	I 335.045	I 12.854	I 577.091	I 68.736	I 236.618	I 1706.691
I 27 FIN, INS, ESTATE	I 1107.122	I 5291.073	I 1693.038	I 57.009	I 880.127	I 46.373	I 32.161	I 436.772
I 28 REAL ESTATE RENT	I 85.045	I 2667.199	I 774.126	I 0.073	I 574.510	I 105.010	I 83.035	I 495.993
I 29 TRANSPORTATION	I 176.513	I 1321.906	I 244.506	I 4.946	I 2256.909	I 124.802	I 543.429	I 570.520
I 30 COMMUNICATION	I 34.375	I 894.051	I 520.969	I 0.102	I 126.402	I 84.337	I 156.050	I 289.357
I 31 PUBLIC ADMIN.	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I 32 PUBLIC SERVICES	I 124.301	I 151.963	I 150.584	I 22.353	I 496.178	I 132.901	I 5.728	I 127.894
I 33 PRIVATE SERVICES	I 490.532	I 3286.207	I 2563.156	I 139.417	I 626.400	I 99.831	I 1301.469	I 1659.758
I 34 OFFICE SUPPLIES	I 57.277	I 218.185	I 116.528	I 0.418	I 49.861	I 28.711	I 58.331	I 181.603
I 35 PACKING MATERIALS	I 0	I 230.724	I 0	I 0	I 20.864	I 0.284	I 0.271	I 0
I 36 ACTIVITIES N.E.C.	I 191.022	I 704.115	I 909.631	I 21.206	I 376.256	I 168.470	I 6.337	I 721.323

I I01985S	I 25 EL,GAS,	I 26 WHOLES-	I 27 FIN,	I 28 REAL ES	I 29 TRANS-	I 30 COMMU-	I 31 PUBLIC	I 32 PUBLIC
I I	I WATER	I ALE,RETAIL	I INS,ESTATE	I TATE RENT	I PORTATION	I NICATION	I ADMIN.	I SERVICES
I SUBTOTAL	I 8793.059	I 21456.640	I 9890.916	I 476.511	I 10618.482	I 1208.070	I 5179.532	I 15180.663

I 101985	I 33 PRIVATE SERVICES	I 34 OFFICE SUPPLIES	I 35 PACKING MATERIALS	I 36 ACTIVITIES NEC	I 100UT85	I INTERMED. DEMAND
I 01 AGRICULTURE, ETC.	1198.909	0	0	11.406	I 01 AGRICULTURE, ETC.	15484.806
I 02 MINING	1.134	0	0	61.643	I 02 MINING	15581.633
I 03 FOOD PROCESSING	3532.783	0	0	72.805	I 03 FOOD PROCESSING	9772.943
I 04 TEXTILES	147.114	14.752	60.508	491.136	I 04 TEXTILES	6459.903
I 05 LUMBER AND WOOD	50.290	0	206.671	11.538	I 05 LUMBER AND WOOD	3738.563
I 06 FURNITURE, FIXTURE	172.120	0	0	58.496	I 06 FURNITURE, FIXTURE	2079.800
I 07 PULP AND PAPER	299.372	582.835	1539.955	63.715	I 07 PULP AND PAPER	8655.876
I 08 PRINTING, PUBLISH.	2043.694	0	28.005	66.934	I 08 PRINTING, PUBLISH.	7278.803
I 09 LEATHER & PROD.	2.685	0	0	2.379	I 09 LEATHER & PROD.	281.232
I 10 RUBBER PRODUCTS	33.771	9.700	0.691	93.262	I 10 RUBBER PRODUCTS	2148.589
I 11 CHEMICALS	295.764	80.658	5.082	432.127	I 11 CHEMICALS	19007.119
I 12 PETROLEUM & COAL	796.352	0	7.199	306.814	I 12 PETROLEUM & COAL	14700.306
I 13 NONMETAL MINERALS	120.754	8.867	0	136.632	I 13 NONMETAL MINERALS	7447.986
I 14 IRON & STEEL MAT.	0.008	0	0	255.544	I 14 IRON & STEEL MAT.	9881.827
I 15 IRON & STEEL PROD	1.344	0	18.313	742.001	I 15 IRON & STEEL PROD	16372.626
I 16 NONFERROUS METALS	0.070	0	0.013	33.285	I 16 NONFERROUS METALS	7704.176
I 17 FABRICATED METALS	65.466	1.925	12.068	427.850	I 17 FABRICATED METALS	10198.178
I 18 GENERAL MACHINERY	168.257	65.041	4.608	456.270	I 18 GENERAL MACHINERY	17612.401
I 19 ELECTRICAL MACH.	251.069	0	0	305.823	I 19 ELECTRICAL MACH.	17738.941
I 20 MOTOR VEHICLES	0	0	0	0	I 20 MOTOR VEHICLES	8306.790
I 21 OTHER TRANSPORT	331.886	0	1.337	314.041	I 21 OTHER TRANSPORT	5948.324
I 22 PRECISION INST.	28.562	0	0	1.771	I 22 PRECISION INST.	1430.984
I 23 MANUFACTURING NEC	317.035	190.279	277.024	211.302	I 23 MANUFACTURING NEC	8258.456
I 24 CONSTRUCTION	214.443	0	2.376	31.413	I 24 CONSTRUCTION	3927.218
I 25 EL, GAS, WATER	1491.050	0	21.592	377.734	I 25 EL, GAS, WATER	13601.808
I 26 WHOLESALE RETAIL	2774.297	556.882	237.336	814.837	I 26 WHOLESALE, RETAIL	27200.788
I 27 FIN, INS, ESTATE	1369.329	0	1.859	777.788	I 27 FIN, INS, ESTATE	18705.255
I 28 REAL ESTATE RENT	1121.535	0	9.290	242.174	I 28 REAL ESTATE RENT	7376.782
I 29 TRANSPORTATION	721.066	42.147	78.469	530.473	I 29 TRANSPORTATION	12736.753
I 30 COMMUNICATION	449.468	0	1.454	87.053	I 30 COMMUNICATION	4120.469
I 31 PUBLIC ADMIN.	0	0	0	317.938	I 31 PUBLIC ADMIN.	317.938
I 32 PUBLIC SERVICES	291.584	0	0	125.973	I 32 PUBLIC SERVICES	5041.150
I 33 PRIVATE SERVICES	4390.006	0	22.800	945.634	I 33 PRIVATE SERVICES	23626.673
I 34 OFFICE SUPPLIES	84.260	0	3.005	0	I 34 OFFICE SUPPLIES	1557.081
I 35 PACKING MATERIALS	1.012	0	0	8.997	I 35 PACKING MATERIALS	2997.811
I 36 ACTIVITIES N.E.C.	723.389	3.995	8.812	0	I 36 ACTIVITIES N.E.C.	9948.377
I SUBTOTAL	23489.878	1557.081	2548.467	8816.788	I SUBTOTAL	347248.364

Table 2. Final demand

2-1 Final demand, 1951

(current prices, million yen)

I 10FD51G	I C OUTSIDE HOUSEHOLD	I PRIVATE CONS.	I GOVERNMENT CONS.	I GOVERNMENT INVESTMENT	I PRIVATE INVESTMENT	I INCREASE IN STOCK	I EXPORTS	I FINAL DEMAND
I 01 AGRICULTURE, ETC.	0	883120	1636	0	0	19457	15075	919288
I 02 MINING	0	3529	8670	0	0	-9475	4707	7431
I 03 FOOD PROCESSING	70255	440310	329	0	0	23670	18505	52262

I 36 ACTIVITIES N.E.C. I	723.389 I	3.995 I	8.812 I	8.997 I
I I01985S	I 33 PRIVATE I	I 34 OFFICE I	I 35 PACKING I	I 36 ACTIVI- I
I I	I SERVICES I	I SUPPLIES I	I MATERIALS I	I TIES NEC I
I SUBTOTAL	I 23489.878 I	I 1557.081 I	I 2548.467 I	I 8816.788 I

I 35 PACKING MATERIALS I	2997.811 I
I 36 ACTIVITIES N.E.C. I	9948.377 I
I I00UT85S	I INTERMED. I
I I	I DEMAND I
I SUBTOTAL	I 347248.364 I

Table 2. Final demand

2-1 Final demand, 1951

(current prices, million yen)

I IOFDS1G	I C OUTSIDE I	I PRIVATE I	I GOVERNMENT I	I GOVERNMENT I	I PRIVATE I	I INCREASE I	I EXPORTS I	I FINAL I
I	I HOUSEHOLD I	I CONS. I	I CONS. I	I INVESTMENT I	I INVESTMENT I	I IN STOCK I	I	I DEMAND I
I 01 AGRICULTURE, ETC. I	0 I	883120 I	1636 I	0 I	0 I	19457 I	15075 I	919288 I
I 02 MINING I	0 I	3529 I	8670 I	0 I	0 I	-9475 I	4707 I	7431 I
I 03 FOOD PROCESSING I	70933 I	440310 I	329 I	0 I	0 I	43470 I	18505 I	573547 I
I 04 TEXTILES I	25 I	260771 I	5231 I	0 I	616 I	89060 I	223292 I	578995 I
I 05 LUMBER AND WOOD I	70 I	3426 I	1417 I	97 I	125 I	5003 I	15322 I	30460 I
I 06 FURNITURE, FIXTURE I	0 I	7381 I	0 I	2338 I	2991 I	98 I	645 I	13454 I
I 07 PULP AND PAPER I	0 I	9099 I	1773 I	0 I	0 I	11780 I	6338 I	29495 I
I 08 PRINTING, PUBLISH. I	0 I	57832 I	1406 I	0 I	0 I	5786 I	582 I	65656 I
I 09 LEATHER & PROD. I	0 I	0 I	0 I	0 I	0 I	1575 I	560 I	2135 I
I 10 RUBBER PRODUCTS I	4 I	21858 I	2547 I	0 I	0 I	3946 I	4582 I	32937 I
I 11 CHEMICALS I	0 I	46375 I	671 I	0 I	0 I	49795 I	25336 I	113477 I
I 12 PETROLEUM & COAL I	0 I	6395 I	1549 I	0 I	0 I	4356 I	521 I	12821 I
I 13 NONMETAL MINERALS I	22 I	6031 I	20 I	0 I	835 I	6079 I	21473 I	34460 I
I 14 IRON & STEEL MAT. I	0 I	0 I	0 I	0 I	0 I	839 I	1185 I	2074 I
I 15 IRON & STEEL PROD. I	0 I	2634 I	0 I	0 I	0 I	33863 I	69450 I	105947 I
I 16 NONFERROUS METALS I	0 I	3645 I	1767 I	0 I	0 I	-1199 I	14999 I	24212 I
I 17 FABRICATED METALS I	0 I	7046 I	0 I	0 I	470 I	1135 I	19133 I	32015 I
I 18 GENERAL MACHINERY I	0 I	4906 I	343 I	0 I	122323 I	5606 I	19923 I	153101 I
I 19 ELECTRICAL MACH. I	0 I	12786 I	6 I	3832 I	48106 I	10725 I	10910 I	86366 I
I 20 MOTOR VEHICLES I	0 I	0 I	0 I	853 I	52976 I	0 I	9328 I	63157 I
I 21 OTHER TRANSPORT I	0 I	5954 I	0 I	2621 I	122600 I	0 I	13730 I	144907 I
I 22 PRECISION INST. I	0 I	6875 I	0 I	2273 I	3720 I	267 I	3361 I	16496 I
I 23 MANUFACTURING NEC I	334 I	22420 I	0 I	0 I	302 I	3495 I	12051 I	38602 I
I 24 CONSTRUCTION I	0 I	0 I	6500 I	241115 I	256646 I	0 I	8355 I	513116 I
I 25 EL, GAS, WATER I	0 I	55628 I	2841 I	0 I	0 I	0 I	0 I	58469 I
I 26 WHOLESALE, RETAIL I	4489 I	455590 I	4521 I	16858 I	35200 I	16390 I	52021 I	585169 I
I 27 FIN, INS, ESTATE I	0 I	201270 I	9473 I	0 I	0 I	0 I	4576 I	215319 I
I 28 REAL ESTATE RENT I	0 I	0 I	0 I	0 I	0 I	0 I	0 I	0 I
I 29 TRANSPORTATION I	99458 I	143770 I	1771 I	1086 I	2250 I	13412 I	72323 I	331070 I
I 30 COMMUNICATION I	0 I	7130 I	10531 I	0 I	0 I	0 I	3118 I	20779 I
I 31 PUBLIC ADMIN. I	0 I	0 I	0 I	0 I	0 I	0 I	0 I	0 I
I 32 PUBLIC SERVICES I	0 I	125850 I	109665 I	0 I	0 I	0 I	0 I	235515 I
I 33 PRIVATE SERVICES I	132820 I	455996 I	0 I	0 I	40000 I	0 I	998 I	629814 I
I 34 OFFICE SUPPLIES I	0 I	0 I	500 I	0 I	0 I	0 I	0 I	500 I
I 35 PACKING MATERIALS I	0 I	0 I	0 I	0 I	0 I	0 I	0 I	0 I
I 36 SCRAPS I	0 I	1068 I	0 I	0 I	0 I	0 I	3382 I	4450 I
I 37 ACTIVITIES N.E.C. I	0 I	0 I	125129 I	0 I	0 I	0 I	59009 I	184138 I

I IOFDS1SS	I C OUTSIDE I	I PRIVATE I	I GOVERNMENT I	I GOVERNMENT I	I PRIVATE I	I INCREASE I	I EXPORTS I	I FINAL I
I	I HOUSEHOLD I	I CONS. I	I CONS. I	I INVESTMENT I	I INVESTMENT I	I IN STOCK I	I	I DEMAND I
I SUBTOTAL	I 398156 I	I 3263749 I	I 298404 I	I 271073 I	I 693391 I	I 303516 I	I 716083 I	I 5859383 I

2-2 Final demand, 1955

(current prices, million yen)

I	IOFD55G	I C OUTSIDE I HOUSEHOLD	I PRIVATE I CONS.	I GOVERNMENT I CONS.	I GOVERNMENT I INVESTMENT	I PRIVATE I INVESTMENT	I INCREASE I IN STOCK	I EXPORTS I	I FINAL I DEMAND	I
I 01	AGRICULTURE, ETC.	10229	476777	892	0	0	129751	26286	643935	I
I 02	MINING	0	5956	3139	0	0	-7595	2927	4427	I
I 03	FOOD PROCESSING	60166	1764716	4272	0	0	42092	28743	1899989	I
I 04	TEXTILES	3593	401068	3720	0	5796	51960	284394	751031	I
I 05	LUMBER AND WOOD	0	0	0	0	0	0	18928	18928	I
I 06	FURNITURE, FIXTURE	282	28349	3539	0	7781	0	5586	45537	I
I 07	PULP AND PAPER	0	14357	3614	0	0	513	8201	26685	I
I 08	PRINTING, PUBLISH.	10410	86536	24571	0	0	0	1222	122739	I
I 09	LEATHER & PROD.	0	0	12	0	0	31	99	142	I
I 10	RUBBER PRODUCTS	0	1775	906	0	0	525	4956	8162	I
I 11	CHEMICALS	19116	80185	1992	0	0	9275	32129	142697	I
I 12	PETROLEUM & COAL	0	19361	2693	0	0	3643	7851	33548	I
I 13	NONMETAL MINERALS	0	7250	442	0	0	568	27048	35308	I
I 14	IRON & STEEL MAT.	0	0	0	0	0	-2561	7088	4527	I
I 15	IRON & STEEL PROD	0	1698	320	0	0	-3438	35982	85062	I
I 16	NONFERRROUS METALS	0	651	498	0	0	-4010	27581	24720	I
I 17	FABRICATED METALS	0	13309	2343	0	7476	632	24541	53301	I
I 18	GENERAL MACHINERY	0	5236	2945	12555	193902	13964	43499	277101	I
I 19	ELECTRICAL MACH.	0	37608	1704	27766	87158	7149	10334	172219	I
I 20	MOTOR VEHICLES	0	915	201	9166	72774	2010	4151	89217	I
I 21	OTHER TRANSPORT	0	11654	11183	21896	122136	69	42165	209105	I
I 22	PRECISION INST.	0	18204	3	0	4559	-59	17131	39838	I
I 23	MANUFACTURING NEC	3123	116445	2878	0	0	435	36421	159302	I
I 24	CONSTRUCTION	0	0	0	463016	596465	0	10731	1079212	I
I 25	EL, GAS, WATER	0	100576	3729	0	0	0	3818	108123	I
I 26	WHOLESALE, RETAIL	18675	937011	7516	0	45724	5701	92103	1106730	I
I 27	FIN, INS, ESTATE	0	541299	96944	0	0	0	5286	643529	I
I 28	TRANSPORTATION	89197	271665	26662	0	4371	1543	135092	528530	I
I 29	COMMUNICATION	0	24636	8488	0	0	0	8267	41441	I
I 30	PUBLIC SERVICES	8858	537405	2669	0	0	0	0	548932	I
I 31	PRIVATE SERVICES	161703	868415	49883	0	0	0	57217	1137223	I
I 32	OFFICE SUPPLIES	0	2548	0	0	0	0	0	2548	I
I 33	PACKING MATERIALS	0	0	0	0	0	0	0	0	I
I 34	REPAIRS	0	2922	1132	0	0	0	9442	13496	I
I 35	SCRAPS	0	0	0	0	0	0	2960	2960	I
I 36	ACTIVITIES N.E.C.	2500	17231	97444	0	0	-1098	59976	186053	I

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I	IOFD55GS	I C OUTSIDE I HOUSEHOLD	I PRIVATE I CONS.	I GOVERNMENT I CONS.	I GOVERNMENT I INVESTMENT	I PRIVATE I INVESTMENT	I INCREASE I IN STOCK	I EXPORTS I	I FINAL I DEMAND	I
I	SUBTOTAL	337852	6400808	366839	534399	1148144	256100	1143155	10237297	I

2-3 Final demand, 1960

(current prices, million yen)

I	IOFD60G	I C OUTSIDE I HOUSEHOLD	I PRIVATE I CONS.	I GOVERNMENT I CONS.	I GOVERNMENT I INVESTMENT	I PRIVATE I INVESTMENT	I INCREASE I IN STOCK	I EXPORTS I	I FINAL I DEMAND	I
I 01	AGRICULTURE, ETC.	6999	548545	935	331	15818	81830	58031	712537	I
I 02	MINING	0	8662	1639	0	0	1073	867	12241	I
I 03	FOOD PROCESSING	87793	2601602	0	0	0	80742	50643	2820765	I

I	IOFD55GS	I C OUTSIDE I HOUSEHOLD	I PRIVATE I CONS.	I GOVERNMENT I CONS.	I GOVERNMENT I INVESTMENT	I PRIVATE I INVESTMENT	I INCREASE I IN STOCK	I EXPORTS	I FINAL I DEMAND	I
I	SUBTOTAL	I 387352	I 6400808	I 366839	I 534399	I 1148144	I 256100	I 1143155	I 10237297	I

2-3 Final demand, 1960

(current prices, million yen)

I	IOFD60G	I C OUTSIDE I HOUSEHOLD	I PRIVATE I CONS.	I GOVERNMENT I CONS.	I GOVERNMENT I INVESTMENT	I PRIVATE I INVESTMENT	I INCREASE I IN STOCK	I EXPORTS	I FINAL I DEMAND	I
I	01 AGRICULTURE, ETC.	I 6999	I 548545	I 935	I 331	I 15818	I 81830	I 58031	I 712537	I
I	02 MINING	I 0	I 3662	I 1639	I 0	I 0	I 1073	I 867	I 12241	I
I	03 FOOD PROCESSING	I 87793	I 2601602	I 0	I 0	I 0	I 80737	I 59563	I 2829745	I
I	04 TEXTILES	I 36752	I 689635	I 4294	I 409	I 2180	I 66774	I 379452	I 1179552	I
I	05 LUMBER AND WOOD	I 606	I 20881	I 280	I 0	I -1109	I 3633	I 33997	I 53288	I
I	06 FURNITURE, FIXTURE	I 14479	I 34290	I 670	I 4468	I 19475	I 4294	I 3481	I 81157	I
I	07 PULP AND PAPER	I 1524	I -8179	I 2442	I 0	I 0	I 14137	I 17390	I 27364	I
I	08 PRINTING, PUBLISH.	I 5039	I 79219	I 14639	I 0	I 0	I 5400	I 2769	I 107066	I
I	09 LEATHER & PROD.	I 0	I 14539	I 335	I 0	I 0	I 1433	I 4255	I 20612	I
I	10 RUBBER PRODUCTS	I 320	I 34944	I 455	I 0	I 0	I 9110	I 35649	I 80978	I
I	11 CHEMICALS	I 41287	I 122153	I 6404	I 0	I 0	I 37270	I 62807	I 269921	I
I	12 PETROLEUM & COAL	I 25	I 32857	I 13993	I 0	I 0	I 21459	I 12552	I 80896	I
I	13 NONMETAL MINERALS	I 2164	I -16858	I 128	I 0	I 0	I 14417	I 48538	I 43389	I
I	14 IRON & STEEL MAT.	I 0	I -3600	I -527	I -13068	I -58732	I -16026	I 5321	I -86632	I
I	15 IRON & STEEL PROD	I 0	I 0	I 23	I 0	I -316	I 34330	I 130202	I 163789	I
I	16 NONFERROUS METALS	I 0	I -1039	I 107	I -16551	I -33078	I 12736	I 11044	I -26781	I
I	17 FABRICATED METALS	I 7769	I 21956	I 1945	I 6122	I 12103	I 20279	I 56954	I 127133	I
I	18 GENERAL MACHINERY	I 1577	I 48391	I 4756	I 94595	I 642129	I 70210	I 32394	I 944052	I
I	19 ELECTRICAL MACH.	I 8422	I 173925	I 12881	I 111539	I 217374	I 73535	I 102202	I 705428	I
I	20 MOTOR VEHICLES	I 0	I 8827	I 2142	I 25438	I 228944	I 13590	I 52403	I 336344	I
I	21 OTHER TRANSPORT	I 0	I 81441	I 42169	I 95820	I 194455	I 17153	I 137310	I 563848	I
I	22 PRECISION INST.	I 0	I 45690	I 1221	I 14718	I 15424	I 11847	I 38913	I 127813	I
I	23 MANUFACTURING NEC	I 13317	I 76088	I 1119	I 1658	I 2190	I 9701	I 95482	I 199555	I
I	24 CONSTRUCTION	I 0	I 0	I 6225	I 1064932	I 1811703	I 0	I 5885	I 2883750	I
I	25 EL, GAS, WATER	I 192	I 175131	I 26066	I 0	I 0	I 1	I 4703	I 206098	I
I	26 WHOLESALE, RETAIL	I 133093	I 1170453	I 13640	I 25127	I 133205	I 22902	I 62208	I 1560626	I
I	27 FIN, INS, ESTATE	I 0	I 1127194	I 47924	I 0	I 0	I 0	I 2268	I 1177386	I
I	28 REAL ESTATE RENT	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I
I	29 TRANSPORTATION	I 10238	I 463729	I 33285	I 2936	I 11260	I 3108	I 246724	I 776230	I
I	30 COMMUNICATION	I 147	I 25047	I 16826	I 0	I 0	I 0	I 4995	I 47015	I
I	31 PUBLIC ADMIN.	I 0	I 0	I 818286	I 0	I 0	I 0	I 0	I 818286	I
I	32 PUBLIC SERVICES	I 0	I 516971	I 585894	I 0	I 0	I 0	I 729	I 1103594	I
I	33 PRIVATE SERVICES	I 342117	I 925261	I 5785	I 0	I 0	I 0	I 2979	I 1276142	I
I	34 OFFICE SUPPLIES	I 0	I 0	I 4509	I 0	I 0	I 0	I 0	I 4509	I
I	35 PACKING MATERIALS	I 0	I 0	I 133	I 0	I 0	I 0	I 0	I 133	I
I	36 ACTIVITIES N.E.C.	I 170741	I -203075	I -3359	I 0	I 27112	I 3858	I 30488	I 70765	I

I	IOFD60GS	I C OUTSIDE I HOUSEHOLD	I PRIVATE I CONS.	I GOVERNMENT I CONS.	I GOVERNMENT I INVESTMENT	I PRIVATE I INVESTMENT	I INCREASE I IN STOCK	I EXPORTS	I FINAL I DEMAND	I
I	SUBTOTAL	I 885101	I 8809728	I 1667264	I 1418474	I 3240131	I 634101	I 1843060	I 18497879	I

2-4 Final demand, 1965

(current prices, million yen)

I	IOFD65G	I C OUTSIDE	I PRIVATE	I GOVERNMENT	I GOVERNMENT	I PRIVATE	I INCREASE	I EXPORTS	I FINAL	I
I	I	I HOUSEHOLD	I CONS.	I CONS.	I INVESTMENT	I INVESTMENT	I IN STOCK	I	I DEMAND	I
I 01	AGRICULTURE, ETC.	I 24929	I 1082924	I 353	I 1268	I 60606	I 106828	I 74370	I 1351278	I
I 02	MINING	I 0	I 11539	I 2131	I 0	I 0	I 19860	I 2366	I 35896	I
I 03	FOOD PROCESSING	I 178282	I 4074263	I 0	I 0	I 0	I 141968	I 90364	I 4484877	I
I 04	TEXTILES	I 58552	I 1264131	I 11866	I 3830	I 20468	I 50179	I 457487	I 1866533	I
I 05	LUMBER AND WOOD	I 1182	I 37318	I 593	I 0	I 5495	I 3687	I 39880	I 88155	I
I 06	FURNITURE, FIXTURE	I 29450	I 76300	I 3007	I 11987	I 52249	I 5898	I 4705	I 183596	I
I 07	PULP AND PAPER	I 7369	I -4298	I 4649	I 0	I 0	I 19188	I 23697	I 50605	I
I 08	PRINTING, PUBLISH.	I 8963	I 173337	I 27078	I 0	I 0	I 429	I 6843	I 216650	I
I 09	LEATHER & PROD.	I 0	I 37042	I 707	I 0	I 0	I 1657	I 9170	I 48576	I
I 10	RUBBER PRODUCTS	I 1680	I 65392	I 2880	I 0	I 0	I 6446	I 66663	I 143061	I
I 11	CHEMICALS	I 53258	I 291078	I 13160	I 0	I 0	I 76509	I 233441	I 667446	I
I 12	PETROLEUM & COAL	I 52	I 132240	I 33734	I 0	I 0	I 2579	I 42620	I 211225	I
I 13	NONMETAL MINERALS	I 6241	I 3268	I 272	I 0	I 0	I 17375	I 77077	I 104233	I
I 14	IRON & STEEL MAT.	I 0	I -3852	I -1015	I -13350	I -60000	I -1759	I 5793	I -74183	I
I 15	IRON & STEEL PROD	I 0	I 0	I 38	I 0	I 0	I -0594	I 444836	I 438280	I
I 16	NONFERROUS METALS	I 0	I -2000	I -100	I -28536	I -57020	I 5225	I 44164	I -38267	I
I 17	FABRICATED METALS	I 17114	I 137368	I 14948	I 28152	I 55680	I 11912	I 106446	I 371626	I
I 18	GENERAL MACHINERY	I 3150	I 123984	I 7914	I 166001	I 1126424	I -16589	I 221118	I 1632002	I
I 19	ELECTRICAL MACH.	I 16175	I 273609	I 33011	I 209660	I 409583	I -1084	I 295042	I 1235996	I
I 20	MOTOR VEHICLES	I 0	I 77746	I 4306	I 81724	I 735515	I 27614	I 94153	I 1021058	I
I 21	OTHER TRANSPORT	I 0	I 154100	I 60694	I 113752	I 230799	I 2924	I 373264	I 935533	I
I 22	PRECISION INST.	I 0	I 134853	I 1091	I 38894	I 40759	I 12301	I 90091	I 317989	I
I 23	MANUFACTURING NEC	I 28376	I 222525	I 6798	I 13626	I 17988	I 11947	I 147961	I 449221	I
I 24	CONSTRUCTION	I 0	I 0	I 15472	I 2240455	I 3811295	I 0	I 0	I 6067222	I
I 25	EL, GAS, WATER	I 268	I 383108	I 91100	I 0	I 0	I 0	I 3641	I 478117	I
I 26	WHOLESALE, RETAIL	I 289287	I 2310209	I 28973	I 63320	I 335693	I 37391	I 185479	I 3750352	I
I 27	FIN, INS, ESTATE	I 0	I 2582931	I 96855	I 0	I 0	I 0	I 3974	I 2683760	I
I 28	REAL ESTATE RENT	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I
I 29	TRANSPORTATION	I 26723	I 870757	I 66981	I 11543	I 44265	I 14628	I 492965	I 1527862	I
I 30	COMMUNICATION	I 194	I 74872	I 29045	I 0	I 0	I 0	I 1689	I 105800	I
I 31	PUBLIC ADMIN.	I 0	I 0	I 1261863	I 0	I 0	I 0	I 0	I 1261863	I
I 32	PUBLIC SERVICES	I 0	I 1528392	I 1384212	I 0	I 0	I 0	I 1280	I 2913884	I
I 33	PRIVATE SERVICES	I 804338	I 1302707	I 13741	I 0	I 0	I 0	I 19391	I 2641177	I
I 34	OFFICE SUPPLIES	I 0	I 0	I 10747	I 0	I 0	I 0	I 0	I 10747	I
I 35	PACKING MATERIALS	I 0	I 0	I 266	I 0	I 0	I 0	I 0	I 266	I
I 36	ACTIVITIES N.E.C.	I 383532	I -404196	I 36410	I 20270	I -29316	I 19416	I 45422	I 71538	I

I	IOFD65GS	I C OUTSIDE	I PRIVATE	I GOVERNMENT	I GOVERNMENT	I PRIVATE	I INCREASE	I EXPORTS	I FINAL	I
I	I	I HOUSEHOLD	I CONS.	I CONS.	I INVESTMENT	I INVESTMENT	I IN STOCK	I	I DEMAND	I
I	SUBTOTAL	I 1939615	I 18011647	I 3263780	I 2962596	I 6800489	I 569935	I 3705392	I 37253954	I

2-5 Final demand, 1970

(current prices, billion yen)

I	IOFD70G	I C OUTSIDE	I PRIVATE	I GOVERNMENT	I GOVERNMENT	I PRIVATE	I INCREASE	I EXPORTS	I FINAL	I
I	I	I HOUSEHOLD	I CONS.	I CONS.	I INVESTMENT	I INVESTMENT	I IN STOCK	I	I DEMAND	I
I 01	AGRICULTURE, ETC.	I 37.063	I 1760.430	I 0.052	I 0	I 94.043	I 4.991	I 90.043	I 1986.622	I
I 02	MINING	I 0	I 3.217	I 0.942	I 0	I 0	I 58.232	I 6.100	I 68.491	I
I 03	FOOD PROCESSING	I 280.060	I 6667.459	I 0.004	I 0	I 0	I 85.369	I 154.045	I 2144.757	I

I	IOFD65GS	I C OUTSIDE I HOUSEHOLD	I PRIVATE I CONS.	I GOVERNMENT I CONS.	I GOVERNMENT I INVESTMENT	I PRIVATE I INVESTMENT	I INCREASE I IN STOCK	I EXPORTS I	I FINAL I DEMAND	I
I	383532 I	-404196 I	36410 I	20270 I	-29316 I	19416 I	45422 I	71538 I		
I	SUBTOTAL	1939615 I	18011647 I	3263780 I	2962596 I	6800489 I	569935 I	3705392 I	37253954 I	

2-5 Final demand, 1970

(current prices, billion yen)

I	IOFD70G	I C OUTSIDE I HOUSEHOLD	I PRIVATE I CONS.	I GOVERNMENT I CONS.	I GOVERNMENT I INVESTMENT	I PRIVATE I INVESTMENT	I INCREASE I IN STOCK	I EXPORTS I	I FINAL I DEMAND	I
I	01 AGRICULTURE, ETC.	37.063 I	1760.430 I	0.052 I	0 I	94.043 I	4.991 I	90.043 I	1986.622 I	
I	02 MINING	0 I	3.217 I	0.942 I	0 I	0 I	58.232 I	6.100 I	68.491 I	
I	03 FOOD PROCESSING	280.060 I	6647.459 I	0.004 I	0 I	0 I	85.269 I	153.965 I	7166.757 I	
I	04 TEXTILES	88.055 I	2385.680 I	22.890 I	4.226 I	37.910 I	149.726 I	654.338 I	3342.825 I	
I	05 LUMBER AND WOOD	5.487 I	32.861 I	0.078 I	3.433 I	11.388 I	-0.275 I	46.564 I	99.536 I	
I	06 FURNITURE, FIXTURE	67.678 I	178.466 I	2.699 I	77.850 I	186.335 I	53.575 I	10.188 I	577.291 I	
I	07 PULP AND PAPER	9.280 I	3.259 I	11.141 I	0 I	0 I	50.552 I	58.370 I	132.602 I	
I	08 PRINTING, PUBLISH.	18.383 I	348.168 I	37.414 I	0 I	0 I	10.875 I	15.696 I	431.036 I	
I	09 LEATHER & PROD.	0 I	73.123 I	1.556 I	0 I	0 I	4.096 I	19.784 I	98.559 I	
I	10 RUBBER PRODUCTS	2.934 I	112.431 I	7.427 I	0 I	0 I	9.891 I	119.393 I	252.076 I	
I	11 CHEMICALS	89.063 I	608.789 I	35.796 I	0 I	0 I	201.761 I	518.737 I	1454.146 I	
I	12 PETROLEUM & COAL	0.065 I	324.745 I	31.817 I	0 I	0 I	58.080 I	50.846 I	465.553 I	
I	13 NONMETAL MINERALS	33.897 I	56.052 I	0.705 I	0 I	0 I	51.812 I	127.460 I	269.926 I	
I	14 IRON & STEEL MAT.	0 I	-13.000 I	-1.938 I	-15.600 I	-42.817 I	30.985 I	6.593 I	-35.777 I	
I	15 IRON & STEEL PROD	0 I	0 I	1.673 I	0 I	0 I	42.644 I	976.081 I	1020.398 I	
I	16 NONFERROUS METALS	0 I	-6.013 I	-0.315 I	-26.989 I	-94.647 I	19.190 I	91.150 I	-17.624 I	
I	17 FABRICATED METALS	33.275 I	299.199 I	24.518 I	49.396 I	163.885 I	264.863 I	251.678 I	1086.814 I	
I	18 GENERAL MACHINERY	4.046 I	139.450 I	23.405 I	461.725 I	3444.332 I	326.105 I	697.612 I	5096.675 I	
I	19 ELECTRICAL MACH.	52.978 I	802.176 I	42.428 I	389.647 I	1697.713 I	430.316 I	929.649 I	4394.912 I	
I	20 MOTOR VEHICLES	0 I	226.442 I	6.479 I	604.384 I	1564.289 I	61.753 I	527.153 I	2990.500 I	
I	21 OTHER TRANSPORT	0 I	321.800 I	158.152 I	183.233 I	496.930 I	56.614 I	758.353 I	1975.592 I	
I	22 PRECISION INST.	0 I	270.193 I	3.646 I	55.772 I	101.782 I	71.044 I	244.505 I	746.942 I	
I	23 MANUFACTURING NEC	57.855 I	476.669 I	9.255 I	48.290 I	76.830 I	75.065 I	253.013 I	1001.977 I	
I	24 CONSTRUCTION	0 I	0 I	44.332 I	4892.026 I	9979.096 I	0 I	0 I	14915.454 I	
I	25 EL, GAS, WATER	0.537 I	673.933 I	177.189 I	0 I	0 I	0 I	3.517 I	854.976 I	
I	26 WHOLESALE, RETAIL	274.721 I	5808.835 I	47.267 I	338.533 I	1383.508 I	151.566 I	456.327 I	8461.257 I	
I	27 FIN, INS, ESTATE	0 I	6230.987 I	276.172 I	0 I	0 I	0 I	17.306 I	6574.465 I	
I	28 REAL ESTATE RENT	0 I	0 I	22.143 I	0 I	0 I	0 I	7.920 I	30.063 I	
I	29 TRANSPORTATION	15.437 I	2129.819 I	135.643 I	18.821 I	90.526 I	18.459 I	1180.100 I	3588.805 I	
I	30 COMMUNICATION	0.046 I	240.651 I	40.217 I	0 I	0 I	0 I	9.862 I	290.776 I	
I	31 PUBLIC ADMIN.	0 I	0 I	2313.152 I	0 I	0 I	0 I	0 I	2313.152 I	
I	32 PUBLIC SERVICES	0 I	2918.441 I	2421.865 I	0 I	0 I	0 I	1.237 I	5341.543 I	
I	33 PRIVATE SERVICES	2028.137 I	4636.254 I	65.705 I	0 I	0 I	0 I	42.017 I	6772.113 I	
I	34 OFFICE SUPPLIES	0 I	0 I	24.392 I	0 I	0 I	0 I	0 I	24.392 I	
I	35 PACKING MATERIALS	0 I	0 I	0.700 I	0 I	0 I	0 I	0 I	0.700 I	
I	36 ACTIVITIES N.E.C.	64.542 I	-8.352 I	259.967 I	1.261 I	-19.707 I	22.392 I	213.450 I	533.553 I	

I	IOFD70GS	I C OUTSIDE I HOUSEHOLD	I PRIVATE I CONS.	I GOVERNMENT I CONS.	I GOVERNMENT I INVESTMENT	I PRIVATE I INVESTMENT	I INCREASE I IN STOCK	I EXPORTS I	I FINAL I DEMAND	I
I	SUBTOTAL	3163.844 I	37732.164 I	6248.563 I	7086.008 I	19171.901 I	2359.531 I	8545.007 I	84307.073 I	

2-6 Final demand, 1975

(current prices, billion yen)

I	IOFD75G	I C OUTSIDE I HOUSEHOLD	I PRIVATE I CONS.	I GOVERNMENT I CONS.	I GOVERNMENT I INVESTMENT	I PRIVATE I INVESTMENT	I INCREASE I IN STOCK	I EXPORTS I	I FINAL I DEMAND	I
I	J1 AGRICULTURE, ETC.	65.906	3146.222	0	0	89.137	382.374	46.113	3729.752	I
I	J2 MINING	0	3.155	0	0	0	-167.898	11.424	-153.319	I
I	J3 FOOD PROCESSING	431.544	13952.437	0	0	0	-28.045	200.225	14556.161	I
I	J4 TEXTILES	150.134	4353.138	0	12.494	62.151	122.868	795.946	5496.731	I
I	J5 LUMBER AND WOOD	10.382	84.857	0	4.502	22.104	-42.930	29.266	108.181	I
I	J6 FURNITURE, FIXTURE	128.072	290.364	0	96.693	316.831	31.291	13.756	877.007	I
I	J7 PULP AND PAPER	17.561	26.361	0	0	0	-88.944	132.388	37.366	I
I	J8 PRINTING, PUBLISH.	35.743	817.681	0	0	0	42.735	18.163	914.322	I
I	J9 LEATHER & PROD.	0	166.595	0	0	0	-0.722	42.529	208.402	I
I	J10 RUBBER PRODUCTS	5.324	253.141	0	0	0	28.381	210.576	497.422	I
I	J11 CHEMICALS	102.518	1055.196	0	0	0	73.046	1301.994	2532.754	I
I	J12 PETROLEUM & COAL	30.020	428.988	0	0	0	47.823	286.690	793.521	I
I	J13 NONMETAL MINERALS	64.147	80.515	0	0	0	10.581	250.371	405.614	I
I	J14 IRON & STEEL MAT.	0	-27.552	0	-16.964	-70.030	59.978	73.673	19.105	I
I	J15 IRON & STEEL PROD	0	0	0	0	0	62.824	2807.428	2870.252	I
I	J16 NONFERROUS METALS	0	-1.297	0	0	-125.123	68.580	234.190	176.350	I
I	J17 FABRICATED METALS	82.967	452.638	0	67.773	332.847	22.458	561.549	1520.232	I
I	J18 GENERAL MACHINERY	0.275	50.948	0	442.064	4321.083	40.965	1928.881	7284.216	I
I	J19 ELECTRICAL MACH.	107.643	1353.939	0	598.982	2786.629	-206.607	1845.138	6485.724	I
I	J20 MOTOR VEHICLES	0	955.165	0	786.494	1789.754	-64.693	1938.417	5405.137	I
I	J21 OTHER TRANSPORT	0	185.217	0	187.346	401.177	-46.847	2333.556	3060.449	I
I	J22 PRECISION INST.	0	425.640	0	97.419	233.015	-8.107	496.235	1244.202	I
I	J23 MANUFACTURING NEC	111.121	1012.941	0	89.807	224.680	26.742	306.165	1771.456	I
I	J24 CONSTRUCTION	0	0	0	10645.104	20930.769	0	0	31575.873	I
I	J25 EL, GAS, WATER	0.331	1646.115	439.627	0	0	0	2.633	2086.706	I
I	J26 WHOLESALE, RETAIL	547.056	13776.155	0	344.964	2331.205	123.646	818.753	17941.779	I
I	J27 FIN, INS, ESTATE	0	13410.890	0	0	0	0	50.561	13461.451	I
I	J28 REAL ESTATE RENT	0	0	0	0	0	0	0	0	I
I	J29 TRANSPORTATION	36.812	6259.756	0	37.397	225.906	31.583	2431.707	9023.161	I
I	J30 COMMUNICATION	0.090	685.522	0	0	0	0	10.721	696.333	I
I	J31 PUBLIC ADMIN.	0	627.722	7953.446	0	0	0	0	8581.168	I
I	J32 PUBLIC SERVICES	123.561	9800.484	6329.212	0	0	0	1.690	16254.947	I
I	J33 PRIVATE SERVICES	4628.337	10027.612	0	0	0	0	85.796	14741.745	I
I	J34 OFFICE SUPPLIES	0	0	0	0	0	0	0	0	I
I	J35 PACKING MATERIALS	0	0	0	0	0	0	0	0	I
I	J36 ACTIVITIES N.E.C.	22.840	141.196	0	78.525	203.065	0	810.205	1255.831	I

I	IOFD75G	I C OUTSIDE I HOUSEHOLD	I PRIVATE I CONS.	I GOVERNMENT I CONS.	I GOVERNMENT I INVESTMENT	I PRIVATE I INVESTMENT	I INCREASE I IN STOCK	I EXPORTS I	I FINAL I DEMAND	I
I	SUBTOTAL	6702.384	85441.741	14722.285	13472.600	34575.200	521.082	20076.739	175512.031	I

2-7 Final demand, 1980

(current prices, billion yen)

I	IOFD30G	I C OUTSIDE I HOUSEHOLD	I PRIVATE I CONS.	I GOVERNMENT I CONS.	I GOVERNMENT I INVESTMENT	I PRIVATE I INVESTMENT	I INCREASE I IN STOCK	I EXPORTS I	I FINAL I DEMAND	I
I	J1 AGRICULTURE, ETC.	105.763	4139.059	0	0	183.008	-289.556	75.264	4266.538	I
I	J2 MINING	0	5.183	0	0	0	201.761	19.589	226.533	I
I	J3 FOOD PROCESSING	574.409	10042.743	0	0	0	0	0	0	I

I 36 ACTIVITIES N.E.C. I 22.840 I 141.196 I 0 I 78.525 I 203.065 I 0 I 310.205 I 1255.831 I

I	IOFD75GS	I C OUTSIDE I HOUSEHOLD	I PRIVATE I CONS.	I GOVERNMENT I CONS.	I GOVERNMENT I INVESTMENT	I PRIVATE I INVESTMENT	I INCREASE I IN STOCK	I EXPORTS I	I FINAL I DEMAND	I
I	SUBTOTAL	I 6702.384	I 85441.741	I 14722.285	I 13472.600	I 34575.200	I 521.082	I 20076.739	I 175512.031	I

2-7 Final demand, 1980

(current prices, billion yen)

I	IOFD30G	I C OUTSIDE I HOUSEHOLD	I PRIVATE I CONS.	I GOVERNMENT I CONS.	I GOVERNMENT I INVESTMENT	I PRIVATE I INVESTMENT	I INCREASE I IN STOCK	I EXPORTS I	I FINAL I DEMAND	I
I	01 AGRICULTURE, ETC.	I 108.763	I 4139.059	I 0	I 0	I 183.008	I -289.556	I 75.264	I 4266.538	I
I	02 MINING	I 0	I 5.133	I 0	I 0	I 0	I 201.761	I 19.589	I 226.533	I
I	03 FOOD PROCESSING	I 574.409	I 19942.363	I 0	I 0	I 0	I -39.691	I 325.727	I 20802.808	I
I	04 TEXTILES	I 230.130	I 5723.883	I 0	I 16.750	I 83.459	I 31.851	I 1052.454	I 7188.527	I
I	05 LUMBER AND WOOD	I 20.692	I 35.501	I 0	I 5.371	I 26.372	I 58.151	I 30.945	I 227.032	I
I	06 FURNITURE, FIXTURE	I 168.732	I 401.508	I 0	I 123.179	I 459.389	I 53.636	I 32.099	I 1238.543	I
I	07 PULP AND PAPER	I 32.500	I -71.003	I 0	I 0	I 0	I 104.167	I 198.790	I 264.454	I
I	08 PRINTING, PUBLISH.	I 40.507	I 1166.457	I 0	I 0	I 0	I 10.230	I 39.120	I 1256.414	I
I	09 LEATHER & PROD.	I 0	I 294.428	I 0	I 0	I 0	I 1.648	I 59.863	I 355.939	I
I	10 RUBBER PRODUCTS	I 3.113	I 414.672	I 0	I 0	I 0	I 10.480	I 366.700	I 799.970	I
I	11 CHEMICALS	I 128.491	I 1631.337	I 0	I 0	I 0	I 122.741	I 1773.120	I 3705.689	I
I	12 PETROLEUM & COAL	I 60.775	I 928.000	I 0	I 0	I 0	I -251.907	I 365.039	I 1101.907	I
I	13 NONMETAL MINERALS	I 121.584	I 123.162	I 0	I 0	I 0	I 97.458	I 478.566	I 820.770	I
I	14 IRON & STEEL MAT.	I 0	I -42.469	I 0	I -26.426	I -109.093	I -69.649	I 25.126	I -222.511	I
I	15 IRON & STEEL PROD	I 0	I 0	I 0	I 0	I 0	I -110.831	I 3306.461	I 3195.630	I
I	16 NONFERROUS METALS	I 0	I 74.639	I 0	I 0	I -59.623	I 103.537	I 682.743	I 801.346	I
I	17 FABRICATED METALS	I 131.500	I 723.795	I 0	I 99.821	I 451.475	I 71.272	I 973.214	I 2456.077	I
I	18 GENERAL MACHINERY	I 0	I 37.434	I 0	I 459.942	I 6479.724	I 734.304	I 4002.537	I 11713.941	I
I	19 ELECTRICAL MACH.	I 149.142	I 2155.408	I 0	I 1739.195	I 4409.233	I 531.680	I 4909.859	I 13904.517	I
I	20 MOTOR VEHICLES	I 0	I 1496.814	I 0	I 787.514	I 2817.368	I 131.949	I 5511.258	I 10744.903	I
I	21 OTHER TRANSPORT	I 0	I 309.499	I 0	I 204.840	I 932.912	I 331.689	I 1892.705	I 3671.645	I
I	22 PRECISION INST.	I 0	I 637.768	I 0	I 213.594	I 497.396	I 103.067	I 1112.726	I 2614.551	I
I	23 MANUFACTURING NEC	I 170.361	I 1751.325	I 0	I 132.795	I 351.896	I -14.149	I 619.215	I 3011.443	I
I	24 CONSTRUCTION	I 0	I 0	I 0	I 18909.148	I 32113.035	I 0	I 0	I 51022.183	I
I	25 EL, GAS, WATER	I 4.034	I 3483.642	I 687.422	I 0	I 0	I 0	I 4.276	I 4179.374	I
I	26 WHOLESALE, RETAIL	I 946.210	I 22196.439	I 0	I 555.669	I 3795.237	I 113.719	I 1836.724	I 29443.998	I
I	27 FIN, INS, ESTATE	I 0	I 24195.952	I 0	I 0	I 0	I 0	I 281.920	I 24477.872	I
I	28 REAL ESTATE RENT	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I
I	29 TRANSPORTATION	I 121.194	I 11579.096	I 273.570	I 55.731	I 234.595	I 28.292	I 3714.388	I 16006.866	I
I	30 COMMUNICATION	I 0.192	I 1339.877	I 0	I 0	I 0	I 0	I 20.373	I 1410.142	I
I	31 PUBLIC ADMIN.	I 0	I 242.658	I 12787.801	I 0	I 0	I 0	I 0	I 13030.459	I
I	32 PUBLIC SERVICES	I 182.368	I 13747.498	I 10079.609	I 0	I 0	I 0	I 2.178	I 29011.653	I
I	33 PRIVATE SERVICES	I 6986.529	I 13021.129	I 0	I 0	I 0	I 0	I 107.939	I 25115.597	I
I	34 OFFICE SUPPLIES	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I
I	35 PACKING MATERIALS	I 0	I 149.335	I 0	I 0	I 0	I 0	I 0	I 149.335	I
I	36 ACTIVITIES N.E.C.	I 0	I 0	I 0	I 0	I 0	I -212.607	I 717.735	I 505.128	I

I	IOFD30GS	I C OUTSIDE I HOUSEHOLD	I PRIVATE I CONS.	I GOVERNMENT I CONS.	I GOVERNMENT I INVESTMENT	I PRIVATE I INVESTMENT	I INCREASE I IN STOCK	I EXPORTS I	I FINAL I DEMAND	I
I	SUBTOTAL	I 10186.331	I 142094.439	I 23823.402	I 23277.123	I 52666.383	I 1903.242	I 34543.353	I 288499.273	I

2-8 Final demand, 1985

(current prices, billion yen)

I IOFD85G	I C OUTSIDE I HOUSEHOLD	I PRIVATE I CONS.	I GOVERNMENT I CONS.	I GOVERNMENT I INVESTMENT	I PRIVATE I INVESTMENT	I INCREASE I IN STOCK	I EXPORTS I	I FINAL I DEMAND	I
I 01 AGRICULTURE, ETC.	I 136.165	I 4612.506	I 0	I 0	I 158.124	I 462.010	I 64.522	I 5433.327	I
I 02 MINING	I 0	I 7.133	I 0	I 0	I 0	I -191.270	I 19.409	I -164.728	I
I 03 FOOD PROCESSING	I 719.123	I 23349.121	I 0	I 0	I 0	I 213.781	I 318.998	I 24601.023	I
I 04 TEXTILES	I 288.109	I 6475.758	I 0	I 16.271	I 78.957	I -53.605	I 1110.000	I 7915.490	I
I 05 LUMBER AND WOOD	I 25.905	I 84.484	I 0	I 5.307	I 26.058	I -8.928	I 21.842	I 154.668	I
I 06 FURNITURE, FIXTURE	I 211.242	I 466.514	I 0	I 103.988	I 398.265	I 1.970	I 45.494	I 1227.473	I
I 07 PULP AND PAPER	I 40.688	I -50.484	I 0	I 0	I 0	I 61.737	I 236.055	I 287.996	I
I 08 PRINTING, PUBLISH.	I 50.838	I 1122.628	I 0	I 0	I 0	I 9.783	I 66.990	I 1250.239	I
I 09 LEATHER & PROD.	I 0	I 270.949	I 0	I 0	I 0	I -13.851	I 70.810	I 327.908	I
I 10 RUBBER PRODUCTS	I 10.163	I 549.500	I 0	I 0	I 0	I 12.043	I 439.071	I 1010.777	I
I 11 CHEMICALS	I 160.863	I 2263.189	I 0	I 0	I 0	I -169.024	I 2072.798	I 4327.826	I
I 12 PETROLEUM & COAL	I 76.086	I 3248.634	I 0	I 0	I 0	I -361.779	I 343.012	I 3305.953	I
I 13 NONMETAL MINERALS	I 152.216	I 111.178	I 0	I 0	I 0	I 12.478	I 566.939	I 842.811	I
I 14 IRON & STEEL MAT.	I 0	I -27.670	I 0	I -23.457	I -97.608	I -61.891	I 46.260	I -164.366	I
I 15 IRON & STEEL PROD	I 0	I 0	I 0	I 0	I 0	I -114.041	I 3046.964	I 2932.923	I
I 16 NONFERROUS METALS	I 0	I 85.597	I 0	I 0	I 163.327	I -285.657	I 554.932	I 518.199	I
I 17 FABRICATED METALS	I 164.630	I 951.910	I 0	I 97.107	I 520.774	I 34.715	I 871.872	I 2691.008	I
I 18 GENERAL MACHINERY	I 0	I 45.188	I 0	I 578.341	I 8371.812	I 648.337	I 5950.560	I 15594.238	I
I 19 ELECTRICAL MACH.	I 186.717	I 3102.122	I 0	I 2985.600	I 9567.696	I 816.662	I 10082.184	I 26740.981	I
I 20 MOTOR VEHICLES	I 0	I 1724.444	I 0	I 864.556	I 3464.211	I -111.149	I 9118.514	I 15060.576	I
I 21 OTHER TRANSPORT	I 0	I 2333.416	I 0	I 136.722	I 1012.447	I 62.136	I 2295.091	I 5839.812	I
I 22 PRECISION INST.	I 0	I 759.337	I 0	I 297.041	I 687.499	I 111.127	I 1428.903	I 3283.907	I
I 23 MANUFACTURING NEC	I 213.281	I 2254.416	I 0	I 150.725	I 475.110	I 170.665	I 873.482	I 4137.679	I
I 24 CONSTRUCTION	I 0	I 0	I 0	I 17199.802	I 33168.777	I 0	I 0	I 50368.579	I
I 25 EL, GAS, WATER	I 5.050	I 5390.644	I 1046.288	I 0	I 0	I 0	I 8.704	I 6450.686	I
I 26 WHOLESALE, RETAIL	I 1184.596	I 25161.257	I 0	I 599.490	I 5062.304	I 173.923	I 2823.974	I 35005.544	I
I 27 FIN, INS, ESTATE	I 0	I 33191.159	I 0	I 0	I 0	I 0	I 291.071	I 33482.230	I
I 28 REAL ESTATE RENT	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I
I 29 TRANSPORTATION	I 151.727	I 9826.397	I 319.094	I 90.621	I 398.363	I 20.291	I 4103.566	I 14910.059	I
I 30 COMMUNICATION	I 0.241	I 1463.178	I 0	I 0	I 0	I 0	I 46.640	I 1510.059	I
I 31 PUBLIC ADMIN.	I 0	I 352.487	I 16773.251	I 0	I 0	I 0	I 0	I 17125.738	I
I 32 PUBLIC SERVICES	I 228.313	I 24955.895	I 13277.547	I 0	I 0	I 0	I 4.940	I 38466.695	I
I 33 PRIVATE SERVICES	I 8746.699	I 24398.851	I 0	I 0	I 0	I 0	I 174.619	I 33320.169	I
I 34 OFFICE SUPPLIES	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I
I 35 PACKING MATERIALS	I 0	I 168.358	I 0	I 0	I 0	I 0	I 0	I 168.358	I
I 36 ACTIVITIES N.E.C.	I 0	I 0	I 0	I 0	I 0	I 1.249	I 1076.201	I 1077.450	I

I IOFD85GS	I C OUTSIDE I HOUSEHOLD	I PRIVATE I CONS.	I GOVERNMENT I CONS.	I GOVERNMENT I INVESTMENT	I PRIVATE I INVESTMENT	I INCREASE I IN STOCK	I EXPORTS I	I FINAL I DEMAND	I
I SUBTOTAL	I 12752.652	I 178648.096	I 31416.180	I 23102.114	I 63456.116	I 1491.712	I 48174.417	I 359041.287	I

Table 3. Total demand

3-1 Total demand, 1951

(current prices, million yen)

I IOQ51	I TOTAL I DEMAND	I
I 01 AGRICULTURE, ETC.	I 1820162	I
I 02 MINING	I 331384	I
I 03 FOOD PROCESSING	I 953212	I

3-2 Total demand, 1955

(current prices, million yen)

I IOQ55	I TOTAL I DEMAND	I
I 01 AGRICULTURE, ETC.	I 2965889	I
I 02 MINING	I 430849	I
I 03 FOOD PROCESSING	I 3500000	I

3-3 Total demand, 1960

(current prices, million yen)

I IOQ60	I TOTAL I DEMAND	I
I 01 AGRICULTURE, ETC.	I 3719642	I
I 02 MINING	I 774523	I
I 03 FOOD PROCESSING	I 3700000	I

I	36 ACTIVITIES N.E.C.	I	0	I	0	I	0	I	0	I	0	I	1.249	I	1076.201	I	1077.450	I
I	IOFD85GS	I	C OUTSIDE	I	PRIVATE	I	GOVERNMENT	I	GOVERNMENT	I	PRIVATE	I	INCREASE	I	EXPORTS	I	FINAL	I
I		I	HOUSEHOLD	I	CONS.	I	CONS.	I	INVESTMENT	I	INVESTMENT	I	IN STOCK	I		I	DEMAND	I
I	SUBTOTAL	I	12752.652	I	178648.096	I	31416.180	I	23102.114	I	63456.116	I	1491.712	I	48174.417	I	359041.287	I

Table 3. Total demand

3-1 Total demand, 1951

(current prices, million yen)

I	10Q51	I	TOTAL	I
I		I	DEMAND	I
I	01 AGRICULTURE, ETC.	I	1820162	I
I	02 MINING	I	331384	I
I	03 FOOD PROCESSING	I	953717	I
I	04 TEXTILES	I	1275954	I
I	05 LUMBER AND WOOD	I	163045	I
I	06 FURNITURE, FIXTURE	I	25102	I
I	07 PULP AND PAPER	I	244414	I
I	08 PRINTING, PUBLISH.	I	103493	I
I	09 LEATHER & PROD.	I	22159	I
I	10 RUBBER PRODUCTS	I	85804	I
I	11 CHEMICALS	I	531061	I
I	12 PETROLEUM & COAL	I	165141	I
I	13 NONMETAL MINERALS	I	150482	I
I	14 IRON & STEEL MAT.	I	337233	I
I	15 IRON & STEEL PROD	I	690569	I
I	16 NONFERROUS METALS	I	158502	I
I	17 FABRICATED METALS	I	115888	I
I	18 GENERAL MACHINERY	I	233950	I
I	19 ELECTRICAL MACH.	I	187476	I
I	20 MOTOR VEHICLES	I	78852	I
I	21 OTHER TRANSPORT	I	174614	I
I	22 PRECISION INST.	I	23299	I
I	23 MANUFACTURING NEC	I	61061	I
I	24 CONSTRUCTION	I	613452	I
I	25 EL, GAS, WATER	I	166167	I
I	26 WHOLESALE, RETAIL	I	959375	I
I	27 FIN, INS, ESTATE	I	310984	I
I	28 REAL ESTATE RENT	I	0	I
I	29 TRANSPORTATION	I	518000	I
I	30 COMMUNICATION	I	85147	I
I	31 PUBLIC ADMIN.	I	0	I
I	32 PUBLIC SERVICES	I	252059	I
I	33 PRIVATE SERVICES	I	819950	I
I	34 OFFICE SUPPLIES	I	44249	I
I	35 PACKING MATERIALS	I	0	I
I	36 SCRAPS	I	222507	I
I	37 ACTIVITIES N.E.C.	I	730588	I

3-2 Total demand, 1955

(current prices, million yen)

I	10Q55	I	TOTAL	I
I		I	DEMAND	I
I	01 AGRICULTURE, ETC.	I	2965889	I
I	02 MINING	I	430849	I
I	03 FOOD PROCESSING	I	2590900	I
I	04 TEXTILES	I	1551748	I
I	05 LUMBER AND WOOD	I	315097	I
I	06 FURNITURE, FIXTURE	I	123179	I
I	07 PULP AND PAPER	I	354825	I
I	08 PRINTING, PUBLISH.	I	311197	I
I	09 LEATHER & PROD.	I	23536	I
I	10 RUBBER PRODUCTS	I	67006	I
I	11 CHEMICALS	I	704022	I
I	12 PETROLEUM & COAL	I	289393	I
I	13 NONMETAL MINERALS	I	234095	I
I	14 IRON & STEEL MAT.	I	570431	I
I	15 IRON & STEEL PROD	I	679392	I
I	16 NONFERROUS METALS	I	264528	I
I	17 FABRICATED METALS	I	214156	I
I	18 GENERAL MACHINERY	I	443191	I
I	19 ELECTRICAL MACH.	I	245147	I
I	20 MOTOR VEHICLES	I	106854	I
I	21 OTHER TRANSPORT	I	256471	I
I	22 PRECISION INST.	I	45321	I
I	23 MANUFACTURING NEC	I	209867	I
I	24 CONSTRUCTION	I	1070212	I
I	25 EL, GAS, WATER	I	318780	I
I	26 WHOLESALE, RETAIL	I	1656357	I
I	27 FIN, INS, ESTATE	I	831355	I
I	28 TRANSPORTATION	I	781752	I
I	29 COMMUNICATION	I	185431	I
I	30 PUBLIC SERVICES	I	549801	I
I	31 PRIVATE SERVICES	I	1490091	I
I	32 OFFICE SUPPLIES	I	111718	I
I	33 PACKING MATERIALS	I	104251	I
I	34 REPAIRS	I	278709	I
I	35 SCRAPS	I	147030	I
I	36 ACTIVITIES N.E.C.	I	737831	I

3-3 Total demand, 1960

(current prices, million yen)

I	10Q60	I	TOTAL	I
I		I	DEMAND	I
I	01 AGRICULTURE, ETC.	I	3719642	I
I	02 MINING	I	774523	I
I	03 FOOD PROCESSING	I	3799230	I
I	04 TEXTILES	I	2372178	I
I	05 LUMBER AND WOOD	I	614587	I
I	06 FURNITURE, FIXTURE	I	179576	I
I	07 PULP AND PAPER	I	678589	I
I	08 PRINTING, PUBLISH.	I	393132	I
I	09 LEATHER & PROD.	I	57382	I
I	10 RUBBER PRODUCTS	I	242955	I
I	11 CHEMICALS	I	1716228	I
I	12 PETROLEUM & COAL	I	744575	I
I	13 NONMETAL MINERALS	I	534593	I
I	14 IRON & STEEL MAT.	I	1212545	I
I	15 IRON & STEEL PROD	I	1731390	I
I	16 NONFERROUS METALS	I	493195	I
I	17 FABRICATED METALS	I	596289	I
I	18 GENERAL MACHINERY	I	1664340	I
I	19 ELECTRICAL MACH.	I	1413353	I
I	20 MOTOR VEHICLES	I	507130	I
I	21 OTHER TRANSPORT	I	940873	I
I	22 PRECISION INST.	I	231335	I
I	23 MANUFACTURING NEC	I	366490	I
I	24 CONSTRUCTION	I	3181663	I
I	25 EL, GAS, WATER	I	664880	I
I	26 WHOLESALE, RETAIL	I	2589534	I
I	27 FIN, INS, ESTATE	I	1692624	I
I	28 REAL ESTATE RENT	I	200019	I
I	29 TRANSPORTATION	I	1585341	I
I	30 COMMUNICATION	I	283289	I
I	31 PUBLIC ADMIN.	I	818286	I
I	32 PUBLIC SERVICES	I	1179745	I
I	33 PRIVATE SERVICES	I	1669289	I
I	34 OFFICE SUPPLIES	I	247312	I
I	35 PACKING MATERIALS	I	88965	I
I	36 ACTIVITIES N.E.C.	I	994472	I

I	10Q51S	I	TOTAL	I
I		I	DEMAND	I
I	SUBTOTAL	I	12656927	I

I	10Q55S	I	TOTAL	I
I		I	DEMAND	I
I	SUBTOTAL	I	21260412	I

I	10Q60S	I	TOTAL	I
I		I	DEMAND	I
I	SUBTOTAL	I	40181049	I

3-4 Total demand, 1965

(current prices, million yen)

I	10265	I TOTAL	I
I		I DEMAND	I
I 01	AGRICULTURE, ETC.	5793170	I
I 02	MINING	1386407	I
I 03	FOOD PROCESSING	6091743	I
I 04	TEXTILES	3631885	I
I 05	LUMBER AND WOOD	1107027	I
I 06	FURNITURE, FIXTURE	453717	I
I 07	PULP AND PAPER	1304294	I
I 08	PRINTING, PUBLISH.	834966	I
I 09	LEATHER & PROD.	107590	I
I 10	RUBBER PRODUCTS	401748	I
I 11	CHEMICALS	3262157	I
I 12	PETROLEUM & COAL	1515746	I
I 13	NONMETAL MINERALS	1043798	I
I 14	IRON & STEEL MAT.	1695485	I
I 15	IRON & STEEL PROD	2718413	I
I 16	NONFERROUS METALS	802935	I
I 17	FABRICATED METALS	1461466	I
I 18	GENERAL MACHINERY	2905200	I
I 19	ELECTRICAL MACH.	2450705	I
I 20	MOTOR VEHICLES	1543952	I
I 21	OTHER TRANSPORT	1638368	I
I 22	PRECISION INST.	535622	I
I 23	MANUFACTURING NEC	916229	I
I 24	CONSTRUCTION	5640063	I
I 25	EL, GAS, WATER	1375933	I
I 26	WHOLESALE, RETAIL	5902832	I
I 27	FIN, INS, ESTATE	4055722	I
I 28	REAL ESTATE RENT	460754	I
I 29	TRANSPORTATION	3233914	I
I 30	COMMUNICATION	605339	I
I 31	PUBLIC ADMIN.	1261863	I
I 32	PUBLIC SERVICES	3061667	I
I 33	PRIVATE SERVICES	3497786	I
I 34	OFFICE SUPPLIES	409764	I
I 35	PACKING MATERIALS	136943	I
I 36	ACTIVITIES N.E.C.	1068776	I

I	10265S	I TOTAL	I
I		I DEMAND	I
I	SUBTOTAL	75415684	I

3-5 Total demand, 1970

(current prices, billion yen)

I	10270	I TOTAL	I
I		I DEMAND	I
I 01	AGRICULTURE, ETC.	8798.562	I
I 02	MINING	3224.972	I
I 03	FOOD PROCESSING	10156.925	I
I 04	TEXTILES	6308.403	I
I 05	LUMBER AND WOOD	2415.681	I
I 06	FURNITURE, FIXTURE	1144.940	I
I 07	PULP AND PAPER	2699.601	I
I 08	PRINTING, PUBLISH.	1878.427	I
I 09	LEATHER & PROD.	202.141	I
I 10	RUBBER PRODUCTS	745.939	I
I 11	CHEMICALS	6553.307	I
I 12	PETROLEUM & COAL	3299.712	I
I 13	NONMETAL MINERALS	2690.288	I
I 14	IRON & STEEL MAT.	4220.474	I
I 15	IRON & STEEL PROD	7291.085	I
I 16	NONFERROUS METALS	2253.795	I
I 17	FABRICATED METALS	3805.503	I
I 18	GENERAL MACHINERY	8700.262	I
I 19	ELECTRICAL MACH.	7907.481	I
I 20	MOTOR VEHICLES	4468.921	I
I 21	OTHER TRANSPORT	3357.038	I
I 22	PRECISION INST.	1224.840	I
I 23	MANUFACTURING NEC	2323.479	I
I 24	CONSTRUCTION	16258.776	I
I 25	EL, GAS, WATER	2627.995	I
I 26	WHOLESALE, RETAIL	14408.846	I
I 27	FIN, INS, ESTATE	9752.226	I
I 28	REAL ESTATE RENT	1092.232	I
I 29	TRANSPORTATION	6581.052	I
I 30	COMMUNICATION	1264.961	I
I 31	PUBLIC ADMIN.	2313.152	I
I 32	PUBLIC SERVICES	5491.430	I
I 33	PRIVATE SERVICES	9346.927	I
I 34	OFFICE SUPPLIES	838.607	I
I 35	PACKING MATERIALS	412.098	I
I 36	ACTIVITIES N.E.C.	3820.996	I

I	10270S	I TOTAL	I
I		I DEMAND	I
I	SUBTOTAL	169881.074	I

3-6 Total demand, 1975

(current prices, million yen)

I	10275	I TOTAL	I
I		I DEMAND	I
I 01	AGRICULTURE, ETC.	16039.180	I
I 02	MINING	10072.909	I
I 03	FOOD PROCESSING	20583.204	I
I 04	TEXTILES	9942.948	I
I 05	LUMBER AND WOOD	3536.078	I
I 06	FURNITURE, FIXTURE	2142.932	I
I 07	PULP AND PAPER	4903.473	I
I 08	PRINTING, PUBLISH.	3796.934	I
I 09	LEATHER & PROD.	372.401	I
I 10	RUBBER PRODUCTS	1406.954	I
I 11	CHEMICALS	11727.348	I
I 12	PETROLEUM & COAL	10421.290	I
I 13	NONMETAL MINERALS	4913.123	I
I 14	IRON & STEEL MAT.	7817.606	I
I 15	IRON & STEEL PROD	11516.884	I
I 16	NONFERROUS METALS	3636.550	I
I 17	FABRICATED METALS	6318.200	I
I 18	GENERAL MACHINERY	14022.649	I
I 19	ELECTRICAL MACH.	11014.621	I
I 20	MOTOR VEHICLES	8308.538	I
I 21	OTHER TRANSPORT	6991.059	I
I 22	PRECISION INST.	1855.137	I
I 23	MANUFACTURING NEC	4537.524	I
I 24	CONSTRUCTION	34073.892	I
I 25	EL, GAS, WATER	6642.820	I
I 26	WHOLESALE, RETAIL	30333.928	I
I 27	FIN, INS, ESTATE	22564.320	I
I 28	REAL ESTATE RENT	4205.201	I
I 29	TRANSPORTATION	20812.392	I
I 30	COMMUNICATION	2514.304	I
I 31	PUBLIC ADMIN.	8581.168	I
I 32	PUBLIC SERVICES	17609.603	I
I 33	PRIVATE SERVICES	21073.953	I
I 34	OFFICE SUPPLIES	645.761	I
I 35	PACKING MATERIALS	1125.942	I
I 36	ACTIVITIES N.E.C.	6815.659	I

I	10275S	I TOTAL	I
I		I DEMAND	I
I	SUBTOTAL	352876.485	I

3-7 Total demand, 1980

(current prices, billion yen)

I	10280	I TOTAL	I
I		I DEMAND	I
I 01	AGRICULTURE, ETC.	20221.051	I
I 02	MINING	19002.754	I
I 03	FOOD PROCESSING	20134.425	I

3-8 Total demand, 1985

(current prices, billion yen)

I	10285	I TOTAL	I
I		I DEMAND	I
I 01	AGRICULTURE, ETC.	20918.133	I
I 02	MINING	15416.905	I
I 03	FOOD PROCESSING	15416.905	I

I	10Q65S	I TOTAL	I
I		I DEMAND	I
I	SUBTOTAL	75415684	I

I	10Q70S	I TOTAL	I
I		I DEMAND	I
I	SUBTOTAL	169881.074	I

I	10Q75S	I TOTAL	I
I		I DEMAND	I
I	SUBTOTAL	352876.485	I

3-7 Total demand, 1980

(current prices, billion yen)

I	10Q80	I TOTAL	I
I		I DEMAND	I
I	01 AGRICULTURE, ETC.	20221.051	I
I	02 MINING	19002.754	I
I	03 FOOD PROCESSING	29326.425	I
I	04 TEXTILES	13198.673	I
I	05 LUMBER AND WOOD	5510.663	I
I	06 FURNITURE, FIXTURE	3309.264	I
I	07 PULP AND PAPER	8312.056	I
I	08 PRINTING, PUBLISH.	6391.576	I
I	09 LEATHER & PROD.	616.346	I
I	10 RUBBER PRODUCTS	2643.722	I
I	11 CHEMICALS	21192.561	I
I	12 PETROLEUM & COAL	20126.607	I
I	13 NONMETAL MINERALS	8397.368	I
I	14 IRON & STEEL MAT.	10806.209	I
I	15 IRON & STEEL PROD	18464.123	I
I	16 NONFERROUS METALS	8557.202	I
I	17 FABRICATED METALS	10527.750	I
I	18 GENERAL MACHINERY	23527.885	I
I	19 ELECTRICAL MACH.	23499.033	I
I	20 MOTOR VEHICLES	16687.970	I
I	21 OTHER TRANSPORT	9427.669	I
I	22 PRECISION INST.	3729.236	I
I	23 MANUFACTURING NEC	8640.365	I
I	24 CONSTRUCTION	55257.361	I
I	25 EL, GAS, WATER	14753.224	I
I	26 WHOLESALE, RETAIL	52150.038	I
I	27 FIN, INS, ESTATE	37963.589	I
I	28 REAL ESTATE RENT	4778.253	I
I	29 TRANSPORTATION	34194.251	I
I	30 COMMUNICATION	4918.281	I
I	31 PUBLIC ADMIN.	13275.248	I
I	32 PUBLIC SERVICES	32411.580	I
I	33 PRIVATE SERVICES	39145.754	I
I	34 OFFICE SUPPLIES	1043.677	I
I	35 PACKING MATERIALS	2894.919	I
I	36 ACTIVITIES N.E.C.	8509.911	I

I	10Q80S	I TOTAL	I
I		I DEMAND	I
I	SUBTOTAL	593412.594	I

3-8 Total demand, 1985

(current prices, billion yen)

I	10Q85	I TOTAL	I
I		I DEMAND	I
I	01 AGRICULTURE, ETC.	20918.133	I
I	02 MINING	15416.905	I
I	03 FOOD PROCESSING	34373.966	I
I	04 TEXTILES	14375.393	I
I	05 LUMBER AND WOOD	3893.231	I
I	06 FURNITURE, FIXTURE	3307.273	I
I	07 PULP AND PAPER	8943.872	I
I	08 PRINTING, PUBLISH.	8529.042	I
I	09 LEATHER & PROD.	609.140	I
I	10 RUBBER PRODUCTS	3159.366	I
I	11 CHEMICALS	23334.945	I
I	12 PETROLEUM & COAL	18006.259	I
I	13 NONMETAL MINERALS	8290.797	I
I	14 IRON & STEEL MAT.	9717.461	I
I	15 IRON & STEEL PROD	19305.549	I
I	16 NONFERROUS METALS	8222.375	I
I	17 FABRICATED METALS	12889.186	I
I	18 GENERAL MACHINERY	33206.639	I
I	19 ELECTRICAL MACH.	44479.922	I
I	20 MOTOR VEHICLES	23367.366	I
I	21 OTHER TRANSPORT	11788.136	I
I	22 PRECISION INST.	4714.891	I
I	23 MANUFACTURING NEC	12396.135	I
I	24 CONSTRUCTION	54295.797	I
I	25 EL, GAS, WATER	20052.494	I
I	26 WHOLESALE, RETAIL	62206.332	I
I	27 FIN, INS, ESTATE	52187.485	I
I	28 REAL ESTATE RENT	7376.782	I
I	29 TRANSPORTATION	27646.812	I
I	30 COMMUNICATION	5630.528	I
I	31 PUBLIC ADMIN.	17443.676	I
I	32 PUBLIC SERVICES	43507.845	I
I	33 PRIVATE SERVICES	56946.842	I
I	34 OFFICE SUPPLIES	1557.081	I
I	35 PACKING MATERIALS	3166.169	I
I	36 ACTIVITIES N.E.C.	11025.827	I

I	10Q85S	I TOTAL	I
I		I DEMAND	I
I	SUBTOTAL	706289.652	I

Table 4. Imports

4-1 Imports, 1951

(current prices, million yen)

I	IOM51	I IMPORTS	I IMPORT TAX	I
I 01	AGRICULTURE, ETC.	-473075	0	I
I 02	MINING	-83226	0	I
I 03	FOOD PROCESSING	-67051	0	I
I 04	TEXTILES	-4751	0	I
I 05	LUMBER AND WOOD	-737	0	I
I 06	FURNITURE, FIXTURE	-3	0	I
I 07	PULP AND PAPER	-12509	0	I
I 08	PRINTING, PUBLISH.	-376	0	I
I 09	LEATHER & PROD.	-311	0	I
I 10	RUBBER PRODUCTS	-92	0	I
I 11	CHEMICALS	-14207	0	I
I 12	PETROLEUM & COAL	-17920	0	I
I 13	NONMETAL MINERALS	-1766	0	I
I 14	IRON & STEEL MAT.	-1049	0	I
I 15	IRON & STEEL PROD	-1766	0	I
I 16	NONFERROUS METALS	-8137	0	I
I 17	FABRICATED METALS	-335	0	I
I 18	GENERAL MACHINERY	-4665	0	I
I 19	ELECTRICAL MACH.	-1230	0	I
I 20	MOTOR VEHICLES	-5224	0	I
I 21	OTHER TRANSPORT	-10332	0	I
I 22	PRECISION INST.	-1257	0	I
I 23	MANUFACTURING NEC	-590	0	I
I 24	CONSTRUCTION	-22	0	I
I 25	EL, GAS, WATER	0	0	I
I 26	WHOLESALE, RETAIL	0	0	I
I 27	FIN, INS, ESTATE	-2710	0	I
I 28	REAL ESTATE RENT	0	0	I
I 29	TRANSPORTATION	0	0	I
I 30	COMMUNICATION	-2336	0	I
I 31	PUBLIC ADMIN.	0	0	I
I 32	PUBLIC SERVICES	0	0	I
I 33	PRIVATE SERVICES	-521	0	I
I 34	OFFICE SUPPLIES	0	0	I
I 35	PACKING MATERIALS	0	0	I
I 36	SCRAPS	-22262	0	I
I 37	ACTIVITIES N.E.C.	-18299	0	I

I	IOM51S	I IMPORTS	I IMPORT TAX	I
I	SUBTOTAL	-758366	0	I

4-2 Imports, 1955

(current prices, million yen)

I	IOM55	I IMPORTS	I IMPORT TAX	I
I 01	AGRICULTURE, ETC.	-465573	0	I
I 02	MINING	-133915	0	I
I 03	FOOD PROCESSING	-89667	0	I
I 04	TEXTILES	-4982	0	I
I 05	LUMBER AND WOOD	-1512	0	I
I 06	FURNITURE, FIXTURE	-29	0	I
I 07	PULP AND PAPER	-6285	0	I
I 08	PRINTING, PUBLISH.	-1668	0	I
I 09	LEATHER & PROD.	-961	0	I
I 10	RUBBER PRODUCTS	-224	0	I
I 11	CHEMICALS	-22898	0	I
I 12	PETROLEUM & COAL	-48025	0	I
I 13	NONMETAL MINERALS	-1414	0	I
I 14	IRON & STEEL MAT.	-23856	0	I
I 15	IRON & STEEL PROD	-5031	0	I
I 16	NONFERROUS METALS	-8522	0	I
I 17	FABRICATED METALS	-1936	0	I
I 18	GENERAL MACHINERY	-36159	0	I
I 19	ELECTRICAL MACH.	-5948	0	I
I 20	MOTOR VEHICLES	-6955	0	I
I 21	OTHER TRANSPORT	-2695	0	I
I 22	PRECISION INST.	-991	0	I
I 23	MANUFACTURING NEC	-466	0	I
I 24	CONSTRUCTION	-369	0	I
I 25	EL, GAS, WATER	0	0	I
I 26	WHOLESALE, RETAIL	-6429	0	I
I 27	FIN, INS, ESTATE	-4019	0	I
I 28	TRANSPORTATION	-1941	0	I
I 29	COMMUNICATION	-6180	0	I
I 30	PUBLIC SERVICES	0	0	I
I 31	PRIVATE SERVICES	-11485	0	I
I 32	OFFICE SUPPLIES	0	0	I
I 33	PACKING MATERIALS	0	0	I
I 34	REPAIRS	0	0	I
I 35	SCRAPS	-14734	0	I
I 36	ACTIVITIES N.E.C.	-28463	0	I

I	IOM55S	I IMPORTS	I IMPORT TAX	I
I	SUBTOTAL	-943332	0	I

4-3 Imports, 1960

(current prices, million yen)

I	IOM60	I IMPORTS	I IMPORT TAX	I
I 01	AGRICULTURE, ETC.	-563671	-5915	I
I 02	MINING	-387521	-7056	I
I 03	FOOD PROCESSING	-112503	-52424	I

4-4 Imports, 1965

(current prices, million yen)

I	IOM65	I IMPORTS	I IMPORT TAX	I
I 01	AGRICULTURE, ETC.	-925470	-27346	I
I 02	MINING	-833943	-48247	I
I 03	FOOD PROCESSING	-253410	-80063	I

I 35 PACKING MATERIALS I	0 I	0 I
I 36 SCRAPs I	-22262 I	0 I
I 37 ACTIVITIES N.E.C. I	-18299 I	0 I

I 35 SCRAPs I	-14734 I	0 I
I 36 ACTIVITIES N.E.C. I	-28463 I	0 I

I IOM51S I	I IMPORTS I	I IMPORT TAX I	I I
I SUBTOTAL I	I -758360 I	I	I 0 I

I IOM55S I	I IMPORTS I	I IMPORT TAX I	I I
I SUBTOTAL I	I -943332 I	I	I 0 I

4-3 Imports, 1960

(current prices, million yen)

I IOM60 I	I IMPORTS I	I IMPORT TAX I	I I
I 01 AGRICULTURE, ETC. I	-563671 I	-5915 I	I
I 02 MINING I	-387521 I	-7056 I	I
I 03 FOOD PROCESSING I	-112503 I	-52424 I	I
I 04 TEXTILES I	-19246 I	-1120 I	I
I 05 LUMBER AND WOOD I	-3380 I	-15 I	I
I 06 FURNITURE, FIXTURE I	-160 I	-6 I	I
I 07 PULP AND PAPER I	-12174 I	-421 I	I
I 08 PRINTING, PUBLISH. I	-4404 I	-7 I	I
I 09 LEATHER & PROD. I	-1418 I	-137 I	I
I 10 RUBBER PRODUCTS I	-1062 I	-111 I	I
I 11 CHEMICALS I	-119393 I	-12478 I	I
I 12 PETROLEUM & COAL I	-76806 I	-3045 I	I
I 13 NONMETAL MINERALS I	-5216 I	-445 I	I
I 14 IRON & STEEL MAT. I	-111419 I	-1235 I	I
I 15 IRON & STEEL PROD I	-10337 I	-953 I	I
I 16 NONFERROUS METALS I	-69862 I	-3875 I	I
I 17 FABRICATED METALS I	-3040 I	-317 I	I
I 18 GENERAL MACHINERY I	-93076 I	-7938 I	I
I 19 ELECTRICAL MACH. I	-15973 I	-1466 I	I
I 20 MOTOR VEHICLES I	-4571 I	-1676 I	I
I 21 OTHER TRANSPORT I	-21560 I	-44 I	I
I 22 PRECISION INST. I	-13375 I	-2026 I	I
I 23 MANUFACTURING NEC I	-3275 I	-636 I	I
I 24 CONSTRUCTION I	-171 I	0 I	I
I 25 EL, GAS, WATER I	-794 I	0 I	I
I 26 WHOLESALE, RETAIL I	-13497 I	0 I	I
I 27 FIN, INS, ESTATE I	0 I	0 I	I
I 28 REAL ESTATE RENT I	0 I	0 I	I
I 29 TRANSPORTATION I	-55916 I	0 I	I
I 30 COMMUNICATION I	-2913 I	0 I	I
I 31 PUBLIC ADMIN. I	0 I	0 I	I
I 32 PUBLIC SERVICES I	-386 I	0 I	I
I 33 PRIVATE SERVICES I	-5009 I	-693 I	I
I 34 OFFICE SUPPLIES I	0 I	0 I	I
I 35 PACKING MATERIALS I	0 I	0 I	I
I 36 ACTIVITIES N.E.C. I	-35785 I	-5603 I	I

I IOM60S I	I IMPORTS I	I IMPORT TAX I	I I
I SUBTOTAL I	I -1768913 I	I -109732 I	I

4-4 Imports, 1965

(current prices, million yen)

I IOM65 I	I IMPORTS I	I IMPORT TAX I	I I
I 01 AGRICULTURE, ETC. I	-925470 I	-27346 I	I
I 02 MINING I	-833943 I	-48247 I	I
I 03 FOOD PROCESSING I	-253519 I	-89042 I	I
I 04 TEXTILES I	-30271 I	-4513 I	I
I 05 LUMBER AND WOOD I	-16347 I	-38 I	I
I 06 FURNITURE, FIXTURE I	-460 I	-316 I	I
I 07 PULP AND PAPER I	-34480 I	-1609 I	I
I 08 PRINTING, PUBLISH. I	-6834 I	-27 I	I
I 09 LEATHER & PROD. I	-3845 I	-1220 I	I
I 10 RUBBER PRODUCTS I	-1903 I	-221 I	I
I 11 CHEMICALS I	-184486 I	-19847 I	I
I 12 PETROLEUM & COAL I	-126800 I	-11338 I	I
I 13 NONMETAL MINERALS I	-6151 I	-864 I	I
I 14 IRON & STEEL MAT. I	-105612 I	-914 I	I
I 15 IRON & STEEL PROD I	-2989 I	-373 I	I
I 16 NONFERROUS METALS I	-113663 I	-4067 I	I
I 17 FABRICATED METALS I	-8984 I	-3611 I	I
I 18 GENERAL MACHINERY I	-132120 I	-15366 I	I
I 19 ELECTRICAL MACH. I	-64113 I	-3128 I	I
I 20 MOTOR VEHICLES I	-11773 I	-13439 I	I
I 21 OTHER TRANSPORT I	-41579 I	-173 I	I
I 22 PRECISION INST. I	-25811 I	-10922 I	I
I 23 MANUFACTURING NEC I	-24386 I	-8288 I	I
I 24 CONSTRUCTION I	0 I	0 I	I
I 25 EL, GAS, WATER I	-232 I	0 I	I
I 26 WHOLESALE, RETAIL I	-54950 I	0 I	I
I 27 FIN, INS, ESTATE I	-1335 I	0 I	I
I 28 REAL ESTATE RENT I	0 I	0 I	I
I 29 TRANSPORTATION I	-155655 I	0 I	I
I 30 COMMUNICATION I	-3209 I	0 I	I
I 31 PUBLIC ADMIN. I	0 I	0 I	I
I 32 PUBLIC SERVICES I	0 I	0 I	I
I 33 PRIVATE SERVICES I	-27205 I	-286 I	I
I 34 OFFICE SUPPLIES I	0 I	0 I	I
I 35 PACKING MATERIALS I	0 I	0 I	I
I 36 ACTIVITIES N.E.C. I	-81510 I	-1733 I	I

I IOM65S I	I IMPORTS I	I IMPORT TAX I	I I
I SUBTOTAL I	I -3279635 I	I -276978 I	I

4-5 Imports, 1970

(current prices, billion yen)

I	IOM70	I IMPORTS	I IMPORT TAX	I
I 01	AGRICULTURE, ETC.	-1638.052	-46.916	I
I 02	MINING	-2146.099	-119.642	I
I 03	FOOD PROCESSING	-401.340	-134.996	I
I 04	TEXTILES	-152.988	-20.906	I
I 05	LUMBER AND WOOD	-108.540	-2.764	I
I 06	FURNITURE, FIXTURE	-2.257	-0.551	I
I 07	PULP AND PAPER	-74.648	-3.843	I
I 08	PRINTING, PUBLISH.	-25.980	-0.035	I
I 09	LEATHER & PROD.	-11.064	-1.693	I
I 10	RUBBER PRODUCTS	-5.590	-0.631	I
I 11	CHEMICALS	-406.311	-36.020	I
I 12	PETROLEUM & COAL	-265.014	-15.966	I
I 13	NONMETAL MINERALS	-18.334	-2.065	I
I 14	IRON & STEEL MAT.	-217.414	-1.342	I
I 15	IRON & STEEL PROD	-6.909	-0.623	I
I 16	NONFERROUS METALS	-390.589	-6.475	I
I 17	FABRICATED METALS	-25.351	-3.125	I
I 18	GENERAL MACHINERY	-343.978	-32.599	I
I 19	ELECTRICAL MACH.	-245.935	-29.159	I
I 20	MOTOR VEHICLES	-27.741	-10.436	I
I 21	OTHER TRANSPORT	-145.090	-0.285	I
I 22	PRECISION INST.	-107.529	-13.855	I
I 23	MANUFACTURING NEC	-89.809	-13.976	I
I 24	CONSTRUCTION	0	0	I
I 25	EL, GAS, WATER	-0.051	0	I
I 26	WHOLESALE, RETAIL	-119.160	0	I
I 27	FIN, INS, ESTATE	-20.880	0	I
I 28	REAL ESTATE RENT	-9.000	0	I
I 29	TRANSPORTATION	-396.342	0	I
I 30	COMMUNICATION	-5.760	0	I
I 31	PUBLIC ADMIN.	0	0	I
I 32	PUBLIC SERVICES	0	0	I
I 33	PRIVATE SERVICES	-93.790	-0.250	I
I 34	OFFICE SUPPLIES	0	0	I
I 35	PACKING MATERIALS	0	0	I
I 36	ACTIVITIES N.E.C.	-223.290	-0.017	I

I	IOM70S	I IMPORTS	I IMPORT TAX	I
I	SUBTOTAL	-7725.334	-498.170	I

4-6 Imports, 1975

(current prices, billion yen)

I	IOM75	I IMPORTS	I IMPORT TAX	I
I 01	AGRICULTURE, ETC.	-2951.226	-49.762	I
I 02	MINING	-8420.217	-141.278	I
I 03	FOOD PROCESSING	-1435.132	-140.366	I
I 04	TEXTILES	-481.631	-42.025	I
I 05	LUMBER AND WOOD	-251.727	-2.470	I
I 06	FURNITURE, FIXTURE	-20.055	-2.163	I
I 07	PULP AND PAPER	-153.690	-2.210	I
I 08	PRINTING, PUBLISH.	-36.966	-0.046	I
I 09	LEATHER & PROD.	-32.866	-3.517	I
I 10	RUBBER PRODUCTS	-35.620	-3.700	I
I 11	CHEMICALS	-613.051	-37.816	I
I 12	PETROLEUM & COAL	-772.066	-9.733	I
I 13	NONMETAL MINERALS	-36.317	-1.734	I
I 14	IRON & STEEL MAT.	-151.535	-0.507	I
I 15	IRON & STEEL PROD	-12.298	-0.403	I
I 16	NONFERROUS METALS	-533.259	-8.600	I
I 17	FABRICATED METALS	-61.170	-3.151	I
I 18	GENERAL MACHINERY	-442.005	-19.443	I
I 19	ELECTRICAL MACH.	-398.717	-32.037	I
I 20	MOTOR VEHICLES	-88.058	-18.700	I
I 21	OTHER TRANSPORT	-212.792	-0.756	I
I 22	PRECISION INST.	-202.532	-13.702	I
I 23	MANUFACTURING NEC	-178.377	-19.896	I
I 24	CONSTRUCTION	0	0	I
I 25	EL, GAS, WATER	-0.501	0	I
I 26	WHOLESALE, RETAIL	-281.066	0	I
I 27	FIN, INS, ESTATE	-49.049	0	I
I 28	REAL ESTATE RENT	0	0	I
I 29	TRANSPORTATION	-1232.565	0	I
I 30	COMMUNICATION	-10.399	0	I
I 31	PUBLIC ADMIN.	0	0	I
I 32	PUBLIC SERVICES	-0.354	0	I
I 33	PRIVATE SERVICES	-293.963	0	I
I 34	OFFICE SUPPLIES	0	0	I
I 35	PACKING MATERIALS	0	0	I
I 36	ACTIVITIES N.E.C.	-702.395	-0.066	I

I	IOM75S	I IMPORTS	I IMPORT TAX	I
I	SUBTOTAL	-20091.599	-554.051	I

4-7 Imports, 1980

(current prices, billion yen)

I	IOM80	I IMPORTS	I IMPORT TAX	I
I 01	AGRICULTURE, ETC.	-4048.367	-80.755	I
I 02	MINING	-15903.891	-477.656	I

4-8 Imports, 1985

(current prices, billion yen)

I	IOM85	I IMPORTS	I IMPORT TAX	I
I 01	AGRICULTURE, ETC.	-3481.058	-64.271	I
I 02	MINING	-12780.243	-362.804	I

I	36 ACTIVITIES N.E.C. I	I	-223.290 I	I	-0.017 I
I	IOM70S	I	IMPORTS	I	IMPORT TAX I
I	I	I	I	I	I
I	SUBTOTAL	I	-7725.334 I	I	-498.170 I

I	36 ACTIVITIES N.E.C. I	I	-702.395 I	I	-0.066 I
I	IOM75S	I	IMPORTS	I	IMPORT TAX I
I	I	I	I	I	I
I	SUBTOTAL	I	-20091.599 I	I	-554.051 I

4-7 Imports, 1980

(current prices, billion yen)

I	IOM80	I	IMPORTS	I	IMPORT TAX I
I	I	I	I	I	I
I	01 AGRICULTURE, ETC.	I	-4043.367 I	I	-60.755 I
I	02 MINING	I	-15903.391 I	I	-477.656 I
I	03 FOOD PROCESSING	I	-2028.442 I	I	-343.866 I
I	04 TEXTILES	I	-810.937 I	I	-77.606 I
I	05 LUMBER AND WOOD	I	-551.762 I	I	-6.010 I
I	06 FURNITURE, FIXTURE	I	-61.371 I	I	-3.094 I
I	07 PULP AND PAPER	I	-371.300 I	I	-7.775 I
I	08 PRINTING, PUBLISH.	I	-45.488 I	I	-0.032 I
I	09 LEATHER & PROD.	I	-107.332 I	I	-7.902 I
I	10 RUBBER PRODUCTS	I	-94.770 I	I	-8.120 I
I	11 CHEMICALS	I	-1354.045 I	I	-70.075 I
I	12 PETROLEUM & COAL	I	-2173.288 I	I	-47.135 I
I	13 NONMETAL MINERAL	I	-138.335 I	I	-3.793 I
I	14 IRON & STEEL MAT.	I	-224.087 I	I	-3.087 I
I	15 IRON & STEEL PROD	I	-96.577 I	I	-1.148 I
I	16 NONFERROUS METAL	I	-1494.325 I	I	-27.026 I
I	17 FABRICATED METALS	I	-112.673 I	I	-5.809 I
I	18 GENERAL MACHINERY	I	-594.403 I	I	-25.653 I
I	19 ELECTRICAL MACH.	I	-343.385 I	I	-52.365 I
I	20 MOTOR VEHICLES	I	-133.530 I	I	-17.042 I
I	21 OTHER TRANSPORT	I	-473.684 I	I	-1.710 I
I	22 PRECISION INST.	I	-284.332 I	I	-17.361 I
I	23 MANUFACTURING NEC	I	-492.467 I	I	-24.971 I
I	24 CONSTRUCTION	I	0 I	I	0 I
I	25 EL, GAS, WATER	I	-2.692 I	I	0 I
I	26 WHOLESALE, RETAIL	I	-632.246 I	I	0 I
I	27 FIN, INS, ESATE	I	-310.783 I	I	0 I
I	28 REAL SETATE RENT	I	0 I	I	0 I
I	29 TRANSPORTATION	I	-1339.048 I	I	0 I
I	30 COMMUNICATION	I	-19.305 I	I	0 I
I	31 PUBLIC ADMIN.	I	0 I	I	0 I
I	32 PUBLIC SERVICES	I	-0.781 I	I	0 I
I	33 PRIVATE SERVICES	I	-724.001 I	I	0 I
I	34 OFFICE SUPPLIES	I	0 I	I	0 I
I	35 PACKING MATERIALS	I	0 I	I	0 I
I	36 ACTIVITIES N.E.C.	I	-1090.015 I	I	-2.108 I

I	IOM80S	I	IMPORTS	I	IMPORT TAX I
I	I	I	I	I	I
I	SUBTOTAL	I	-37059.662 I	I	-1312.099 I

4-8 Imports, 1985

(current prices, billion yen)

I	IOM85	I	IMPORTS	I	IMPORT TAX I
I	I	I	I	I	I
I	01 AGRICULTURE, ETC.	I	-3481.058 I	I	-64.271 I
I	02 MINING	I	-12780.243 I	I	-362.804 I
I	03 FOOD PROCESSING	I	-2371.072 I	I	-356.413 I
I	04 TEXTILES	I	-1030.929 I	I	-95.758 I
I	05 LUMBER AND WOOD	I	-431.828 I	I	-8.322 I
I	06 FURNITURE, FIXTURE	I	-82.619 I	I	-2.416 I
I	07 PULP AND PAPER	I	-362.294 I	I	-6.507 I
I	08 PRINTING, PUBLISH.	I	-46.971 I	I	-0.031 I
I	09 LEATHER & PROD.	I	-111.391 I	I	-7.822 I
I	10 RUBBER PRODUCTS	I	-129.979 I	I	-10.860 I
I	11 CHEMICALS	I	-1814.116 I	I	-73.289 I
I	12 PETROLEUM & COAL	I	-2327.619 I	I	-56.514 I
I	13 NONMETAL MINERAL	I	-191.017 I	I	-3.848 I
I	14 IRON & STEEL MAT.	I	-249.676 I	I	-4.663 I
I	15 IRON & STEEL PROD	I	-207.296 I	I	-2.271 I
I	16 NONFERROUS METAL	I	-1850.914 I	I	-25.681 I
I	17 FABRICATED METALS	I	-136.875 I	I	-5.084 I
I	18 GENERAL MACHINERY	I	-718.872 I	I	-20.438 I
I	19 ELECTRICAL MACH.	I	-1232.766 I	I	-33.818 I
I	20 MOTOR VEHICLES	I	-179.252 I	I	-28.438 I
I	21 OTHER TRANSPORT	I	-639.746 I	I	-1.220 I
I	22 PRECISION INST.	I	-354.600 I	I	-14.730 I
I	23 MANUFACTURING NEC	I	-553.557 I	I	-18.083 I
I	24 CONSTRUCTION	I	0 I	I	0 I
I	25 EL, GAS, WATER	I	-2.587 I	I	0 I
I	26 WHOLESALE, RETAIL	I	-741.825 I	I	0 I
I	27 FIN, INS, ESATE	I	-346.673 I	I	0 I
I	28 REAL SETATE RENT	I	0 I	I	0 I
I	29 TRANSPORTATION	I	-1676.688 I	I	0 I
I	30 COMMUNICATION	I	-38.079 I	I	0 I
I	31 PUBLIC ADMIN.	I	0 I	I	0 I
I	32 PUBLIC SERVICES	I	-0.743 I	I	0 I
I	33 PRIVATE SERVICES	I	-785.482 I	I	0 I
I	34 OFFICE SUPPLIES	I	0 I	I	0 I
I	35 PACKING MATERIALS	I	0 I	I	0 I
I	36 ACTIVITIES N.E.C.	I	-1773.696 I	I	-0.294 I

I	IOM85S	I	IMPORTS	I	IMPORT TAX I
I	I	I	I	I	I
I	SUBTOTAL	I	-36650.463 I	I	-1203.575 I

Table 5. Total domestic products

5-1 Total domestic products, 1951

(current prices, million yen)

I	10QJ51	I	DOMESTIC	I
I		I	OUTPUT	I
I	01 AGRICULTURE, ETC.	I	1347087	I
I	02 MINING	I	248158	I
I	03 FOOD PROCESSING	I	886670	I
I	04 TEXTILES	I	1271179	I
I	05 LUMBER AND WOOD	I	162303	I
I	06 FURNITURE, FIXTURE	I	25094	I
I	07 PULP AND PAPER	I	231905	I
I	08 PRINTING, PUBLISH.	I	102615	I
I	09 LEATHER & PROD.	I	21348	I
I	10 RUBBER PRODUCTS	I	85712	I
I	11 CHEMICALS	I	517454	I
I	12 PETROLEUM & COAL	I	147221	I
I	13 NONMETAL MINERALS	I	148516	I
I	14 IRON & STEEL MAT.	I	336190	I
I	15 IRON & STEEL PROD	I	688602	I
I	16 NONFERROUS METALS	I	150363	I
I	17 FABRICATED METALS	I	115353	I
I	18 GENERAL MACHINERY	I	229080	I
I	19 ELECTRICAL MACH.	I	136247	I
I	20 MOTOR VEHICLES	I	73023	I
I	21 OTHER TRANSPORT	I	164282	I
I	22 PRECISION INST.	I	22042	I
I	23 MANUFACTURING NEC	I	60472	I
I	24 CONSTRUCTION	I	613430	I
I	25 EL, GAS, WATER	I	166167	I
I	26 WHOLESALE, RETAIL	I	959377	I
I	27 FIN, INS, ESTATE	I	308275	I
I	28 REAL ESTATE RENT	I	0	I
I	29 TRANSPORTATION	I	518000	I
I	30 COMMUNICATION	I	82311	I
I	31 PUBLIC ADMIN.	I	0	I
I	32 PUBLIC SERVICES	I	252059	I
I	33 PRIVATE SERVICES	I	819430	I
I	34 OFFICE SUPPLIES	I	44249	I
I	35 PACKING MATERIALS	I	0	I
I	36 SCRAPS	I	200244	I
I	37 ACTIVITIES N.E.C.	I	712289	I

I	10QJ51S	I	DOMESTIC	I
I		I	OUTPUT	I
I	SUBTOTAL	I	11898561	I

5-2 Total domestic products, 1955

(current prices, million yen)

I	10QJ55	I	DOMESTIC	I
I		I	OUTPUT	I
I	01 AGRICULTURE, ETC.	I	2500316	I
I	02 MINING	I	296934	I
I	03 FOOD PROCESSING	I	2501233	I
I	04 TEXTILES	I	1546766	I
I	05 LUMBER AND WOOD	I	313585	I
I	06 FURNITURE, FIXTURE	I	123150	I
I	07 PULP AND PAPER	I	348540	I
I	08 PRINTING, PUBLISH.	I	309529	I
I	09 LEATHER & PROD.	I	22575	I
I	10 RUBBER PRODUCTS	I	66782	I
I	11 CHEMICALS	I	681124	I
I	12 PETROLEUM & COAL	I	241368	I
I	13 NONMETAL MINERALS	I	232681	I
I	14 IRON & STEEL MAT.	I	546575	I
I	15 IRON & STEEL PROD	I	674361	I
I	16 NONFERROUS METALS	I	256006	I
I	17 FABRICATED METALS	I	212220	I
I	18 GENERAL MACHINERY	I	407032	I
I	19 ELECTRICAL MACH.	I	239199	I
I	20 MOTOR VEHICLES	I	99399	I
I	21 OTHER TRANSPORT	I	253776	I
I	22 PRECISION INST.	I	44330	I
I	23 MANUFACTURING NEC	I	209401	I
I	24 CONSTRUCTION	I	1069845	I
I	25 EL, GAS, WATER	I	318780	I
I	26 WHOLESALE, RETAIL	I	1649928	I
I	27 FIN, INS, ESTATE	I	827336	I
I	28 TRANSPORTATION	I	779811	I
I	29 COMMUNICATION	I	179251	I
I	30 PUBLIC SERVICES	I	549801	I
I	31 PRIVATE SERVICES	I	1478606	I
I	32 OFFICE SUPPLIES	I	111718	I
I	33 PACKING MATERIALS	I	104251	I
I	34 REPAIRS	I	278709	I
I	35 SCRAPS	I	132296	I
I	36 ACTIVITIES N.E.C.	I	709368	I

I	10QJ55S	I	DOMESTIC	I
I		I	OUTPUT	I
I	SUBTOTAL	I	20317080	I

5-3 Total domestic products, 1960

(current prices, million yen)

I	10QJ60	I	DOMESTIC	I
I		I	OUTPUT	I
I	01 AGRICULTURE, ETC.	I	3150056	I
I	02 MINING	I	379246	I
I	03 FOOD PROCESSING	I	3636303	I

5-4 Total domestic products, 1965

(current prices, million yen)

I	10QJ65	I	DOMESTIC	I
I		I	OUTPUT	I
I	01 AGRICULTURE, ETC.	I	4840354	I
I	02 MINING	I	504217	I
I	03 FOOD PROCESSING	I	6260193	I

I 36 SCRAPs I 200244 I
I 37 ACTIVITIES N.E.C. I 712269 I

I 10QJ51S I DOMESTIC I
I I OUTPUT I
I SUBTOTAL I 11898561 I

I 36 ACTIVITIES N.E.C. I 709568 I

I 10QJ55S I DOMESTIC I
I I OUTPUT I
I SUBTOTAL I 20317080 I

5-3 Total domestic products, 1960

(current prices, million yen)

I	10QJ60	I	DOMESTIC	I
I		I	OUTPUT	I
I	01 AGRICULTURE, ETC.	I	3150056	I
I	02 MINING	I	379946	I
I	03 FOOD PROCESSING	I	3634303	I
I	04 TEXTILES	I	2351812	I
I	05 LUMBER AND WOOD	I	611192	I
I	06 FURNITURE, FIXTURE	I	179410	I
I	07 PULP AND PAPER	I	665994	I
I	08 PRINTING, PUBLISH.	I	388721	I
I	09 LEATHER & PROD.	I	56277	I
I	10 RUBBER PRODUCTS	I	241782	I
I	11 CHEMICALS	I	1584357	I
I	12 PETROLEUM & COAL	I	664724	I
I	13 NONMETAL MINERALS	I	528932	I
I	14 IRON & STEEL MAT.	I	1099841	I
I	15 IRON & STEEL PROD	I	1720600	I
I	16 NONFERROUS METALS	I	419458	I
I	17 FABRICATED METALS	I	592932	I
I	18 GENERAL MACHINERY	I	1563776	I
I	19 ELECTRICAL MACH.	I	1395914	I
I	20 MOTOR VEHICLES	I	500383	I
I	21 OTHER TRANSPORT	I	919269	I
I	22 PRECISION INST.	I	215434	I
I	23 MANUFACTURING NEC	I	362579	I
I	24 CONSTRUCTION	I	3131492	I
I	25 EL, GAS, WATER	I	664086	I
I	26 WHOLESALE, RETAIL	I	2576037	I
I	27 FIN, INS, ESTATE	I	1692624	I
I	28 REAL ESTATE RENT	I	200019	I
I	29 TRANSPORTATION	I	1529425	I
I	30 COMMUNICATION	I	280376	I
I	31 PUBLIC ADMIN.	I	818286	I
I	32 PUBLIC SERVICES	I	1178859	I
I	33 PRIVATE SERVICES	I	1663597	I
I	34 OFFICE SUPPLIES	I	247312	I
I	35 PACKING MATERIALS	I	88965	I
I	36 ACTIVITIES N.E.C.	I	953084	I

I 10QJ60S I DOMESTIC I
I I OUTPUT I
I SUBTOTAL I 38302354 I

5-4 Total domestic products, 1965

(current prices, million yen)

I	10QJ65	I	DOMESTIC	I
I		I	OUTPUT	I
I	01 AGRICULTURE, ETC.	I	4840354	I
I	02 MINING	I	504217	I
I	03 FOOD PROCESSING	I	5749182	I
I	04 TEXTILES	I	3597101	I
I	05 LUMBER AND WOOD	I	1090592	I
I	06 FURNITURE, FIXTURE	I	452941	I
I	07 PULP AND PAPER	I	1268205	I
I	08 PRINTING, PUBLISH.	I	828105	I
I	09 LEATHER & PROD.	I	102525	I
I	10 RUBBER PRODUCTS	I	399624	I
I	11 CHEMICALS	I	3057324	I
I	12 PETROLEUM & COAL	I	1377608	I
I	13 NONMETAL MINERALS	I	1036783	I
I	14 IRON & STEEL MAT.	I	1538959	I
I	15 IRON & STEEL PROD	I	2715056	I
I	16 NONFERROUS METALS	I	685205	I
I	17 FABRICATED METALS	I	1448371	I
I	18 GENERAL MACHINERY	I	2757714	I
I	19 ELECTRICAL MACH.	I	2376464	I
I	20 MOTOR VEHICLES	I	1513740	I
I	21 OTHER TRANSPORT	I	1647116	I
I	22 PRECISION INST.	I	498889	I
I	23 MANUFACTURING NEC	I	883555	I
I	24 CONSTRUCTION	I	6640063	I
I	25 EL, GAS, WATER	I	1375701	I
I	26 WHOLESALE, RETAIL	I	5847382	I
I	27 FIN, INS, ESTATE	I	4054387	I
I	28 REAL ESTATE RENT	I	460754	I
I	29 TRANSPORTATION	I	5078259	I
I	30 COMMUNICATION	I	602130	I
I	31 PUBLIC ADMIN.	I	1261363	I
I	32 PUBLIC SERVICES	I	3061667	I
I	33 PRIVATE SERVICES	I	3470295	I
I	34 OFFICE SUPPLIES	I	460964	I
I	35 PACKING MATERIALS	I	136943	I
I	36 ACTIVITIES N.E.C.	I	985533	I

I 10QJ65S I DOMESTIC I
I I OUTPUT I
I SUBTOTAL I 71859071 I

5-5 Total domestic products, 1970
(current prices, billion yen)

I	IOQJ70	I	DOMESTIC	I
I		I	OUTPUT	I
I	01 AGRICULTURE, ETC.	I	7113.594	I
I	02 MINING	I	959.231	I
I	03 FOOD PROCESSING	I	9620.589	I
I	04 TEXTILES	I	6134.509	I
I	05 LUMBER AND WOOD	I	2304.377	I
I	06 FURNITURE, FIXTURE	I	1142.132	I
I	07 PULP AND PAPER	I	2621.110	I
I	08 PRINTING, PUBLISH.	I	1852.407	I
I	09 LEATHER & PROD.	I	189.384	I
I	10 RUBBER PRODUCTS	I	739.718	I
I	11 CHEMICALS	I	6110.976	I
I	12 PETROLEUM & COAL	I	3018.732	I
I	13 NONMETAL MINERALS	I	2669.889	I
I	14 IRON & STEEL MAT.	I	4001.718	I
I	15 IRON & STEEL PROD	I	7283.553	I
I	16 NONFERROUS METALS	I	1356.731	I
I	17 FABRICATED METALS	I	3776.527	I
I	18 GENERAL MACHINERY	I	8323.685	I
I	19 ELECTRICAL MACH.	I	7632.387	I
I	20 MOTOR VEHICLES	I	4430.744	I
I	21 OTHER TRANSPORT	I	3211.663	I
I	22 PRECISION INST.	I	1103.456	I
I	23 MANUFACTURING NEC	I	2219.694	I
I	24 CONSTRUCTION	I	16258.776	I
I	25 EL, GAS, WATER	I	2627.944	I
I	26 WHOLESALE, RETAIL	I	14289.686	I
I	27 FIN, INS, ESTATE	I	9731.346	I
I	28 REAL ESTATE RENT	I	1083.232	I
I	29 TRANSPORTATION	I	6184.710	I
I	30 COMMUNICATION	I	1259.201	I
I	31 PUBLIC ADMIN.	I	2313.152	I
I	32 PUBLIC SERVICES	I	5491.430	I
I	33 PRIVATE SERVICES	I	9252.887	I
I	34 OFFICE SUPPLIES	I	838.607	I
I	35 PACKING MATERIALS	I	412.098	I
I	36 ACTIVITIES N.E.C.	I	3597.689	I

I	IOQJ70S	I	DOMESTIC	I
I		I	OUTPUT	I
I	SUBTOTAL	I	161657.570	I

5-6 Total domestic products, 1975
(current prices, billion yen)

I	IOQJ75	I	DOMESTIC	I
I		I	OUTPUT	I
I	01 AGRICULTURE, ETC.	I	13038.192	I
I	02 MINING	I	1511.414	I
I	03 FOOD PROCESSING	I	19007.706	I
I	04 TEXTILES	I	9419.292	I
I	05 LUMBER AND WOOD	I	3281.881	I
I	06 FURNITURE, FIXTURE	I	2120.714	I
I	07 PULP AND PAPER	I	4747.573	I
I	08 PRINTING, PUBLISH.	I	3759.922	I
I	09 LEATHER & PROD.	I	336.018	I
I	10 RUBBER PRODUCTS	I	1367.634	I
I	11 CHEMICALS	I	11076.481	I
I	12 PETROLEUM & COAL	I	9639.521	I
I	13 NONMETAL MINERALS	I	4875.072	I
I	14 IRON & STEEL MAT.	I	7665.564	I
I	15 IRON & STEEL PROD	I	11504.183	I
I	16 NONFERROUS METALS	I	3094.691	I
I	17 FABRICATED METALS	I	6253.879	I
I	18 GENERAL MACHINERY	I	13561.201	I
I	19 ELECTRICAL MACH.	I	10583.867	I
I	20 MOTOR VEHICLES	I	8201.780	I
I	21 OTHER TRANSPORT	I	6777.511	I
I	22 PRECISION INST.	I	1638.903	I
I	23 MANUFACTURING NEC	I	4339.251	I
I	24 CONSTRUCTION	I	34073.892	I
I	25 EL, GAS, WATER	I	6642.319	I
I	26 WHOLESALE, RETAIL	I	30052.862	I
I	27 FIN, INS, ESTATE	I	22515.271	I
I	28 REAL ESTATE RENT	I	4205.201	I
I	29 TRANSPORTATION	I	19579.827	I
I	30 COMMUNICATION	I	2503.905	I
I	31 PUBLIC ADMIN.	I	8581.168	I
I	32 PUBLIC SERVICES	I	17609.249	I
I	33 PRIVATE SERVICES	I	20779.990	I
I	34 OFFICE SUPPLIES	I	645.761	I
I	35 PACKING MATERIALS	I	1125.942	I
I	36 ACTIVITIES N.E.C.	I	6113.198	I

I	IOQJ75S	I	DOMESTIC	I
I		I	OUTPUT	I
I	SUBTOTAL	I	332230.835	I

5-7 Total domestic products, 1980
(current prices, billion yen)

I	IOQJ80	I	DOMESTIC	I
I		I	OUTPUT	I
I	01 AGRICULTURE, ETC.	I	16111.429	I
I	02 MINING	I	2601.207	I
I	03 FOOD PROCESSING	I	26954.117	I

5-8 Total domestic products, 1985
(current prices, billion yen)

I	IOQJ85	I	DOMESTIC	I
I		I	OUTPUT	I
I	01 AGRICULTURE, ETC.	I	17372.804	I
I	02 MINING	I	2273.858	I
I	03 FOOD PROCESSING	I	31414.481	I

I	36 ACTIVITIES N.E.C.	I	3597.689	I
I	10QJ70S	I	DOMESTIC	I
I		I	OUTPUT	I
I	SUBTOTAL	I	161657.570	I

I	36 ACTIVITIES N.E.C.	I	6113.198	I
I	10QJ75S	I	DOMESTIC	I
I		I	OUTPUT	I
I	SUBTOTAL	I	332230.835	I

5-7 Total domestic products, 1980

(current prices, billion yen)

I	10QJ30	I	DOMESTIC	I
I		I	OUTPUT	I
I	01 AGRICULTURE, ETC.	I	16111.429	I
I	02 MINING	I	2601.207	I
I	03 FOOD PROCESSING	I	26954.117	I
I	04 TEXTILES	I	12310.130	I
I	05 LUMBER AND WOOD	I	4952.891	I
I	06 FURNITURE, FIXTURE	I	3244.299	I
I	07 PULP AND PAPER	I	7932.981	I
I	08 PRINTING, PUBLISH.	I	6346.056	I
I	09 LEATHER & PROD.	I	500.612	I
I	10 RUBBER PRODUCTS	I	2540.632	I
I	11 CHEMICALS	I	19768.441	I
I	12 PETROLEUM & COAL	I	17906.184	I
I	13 NONMETAL MINERALS	I	8254.740	I
I	14 IRON & STEEL MAT.	I	10579.035	I
I	15 IRON & STEEL PROD	I	18366.298	I
I	16 NONFERROUS METALS	I	7035.351	I
I	17 FABRICATED METALS	I	10409.263	I
I	18 GENERAL MACHINERY	I	22907.829	I
I	19 ELECTRICAL MACH.	I	22603.083	I
I	20 MOTOR VEHICLES	I	16537.700	I
I	21 OTHER TRANSPORT	I	8951.973	I
I	22 PRECISION INST.	I	3427.543	I
I	23 MANUFACTURING NEC	I	8122.927	I
I	24 CONSTRUCTION	I	55257.361	I
I	25 EL, GAS, WATER	I	14750.532	I
I	26 WHOLESALE, RETAIL	I	51517.792	I
I	27 FIN, INS, ESTATE	I	37652.306	I
I	28 REAL ESTATE RENT	I	4778.253	I
I	29 TRANSPORTATION	I	32355.203	I
I	30 COMMUNICATION	I	4399.276	I
I	31 PUBLIC ADMIN.	I	13275.248	I
I	32 PUBLIC SERVICES	I	32410.799	I
I	33 PRIVATE SERVICES	I	38421.753	I
I	34 OFFICE SUPPLIES	I	1043.677	I
I	35 PACKING MATERIALS	I	2394.919	I
I	36 ACTIVITIES N.E.C.	I	7417.788	I
I	10QJ30S	I	DOMESTIC	I
I		I	OUTPUT	I
I	SUBTOTAL	I	555040.833	I

5-8 Total domestic products, 1985

(current prices, billion yen)

I	10QJ85	I	DOMESTIC	I
I		I	OUTPUT	I
I	01 AGRICULTURE, ETC.	I	17372.804	I
I	02 MINING	I	2273.858	I
I	03 FOOD PROCESSING	I	31646.481	I
I	04 TEXTILES	I	13248.706	I
I	05 LUMBER AND WOOD	I	3453.081	I
I	06 FURNITURE, FIXTURE	I	3222.238	I
I	07 PULP AND PAPER	I	8575.071	I
I	08 PRINTING, PUBLISH.	I	8482.040	I
I	09 LEATHER & PROD.	I	489.927	I
I	10 RUBBER PRODUCTS	I	3018.527	I
I	11 CHEMICALS	I	21447.540	I
I	12 PETROLEUM & COAL	I	15622.126	I
I	13 NONMETAL MINERALS	I	8095.932	I
I	14 IRON & STEEL MAT.	I	9463.122	I
I	15 IRON & STEEL PROD	I	19095.982	I
I	16 NONFERROUS METALS	I	6345.780	I
I	17 FABRICATED METALS	I	12747.227	I
I	18 GENERAL MACHINERY	I	32467.329	I
I	19 ELECTRICAL MACH.	I	43213.338	I
I	20 MOTOR VEHICLES	I	23159.676	I
I	21 OTHER TRANSPORT	I	11147.170	I
I	22 PRECISION INST.	I	4345.561	I
I	23 MANUFACTURING NEC	I	11824.495	I
I	24 CONSTRUCTION	I	54295.797	I
I	25 EL, GAS, WATER	I	20049.907	I
I	26 WHOLESALE, RETAIL	I	61464.507	I
I	27 FIN, INS, ESTATE	I	51840.812	I
I	28 REAL ESTATE RENT	I	7376.782	I
I	29 TRANSPORTATION	I	25970.124	I
I	30 COMMUNICATION	I	5592.449	I
I	31 PUBLIC ADMIN.	I	17443.676	I
I	32 PUBLIC SERVICES	I	43507.102	I
I	33 PRIVATE SERVICES	I	56161.360	I
I	34 OFFICE SUPPLIES	I	1557.081	I
I	35 PACKING MATERIALS	I	3166.169	I
I	36 ACTIVITIES N.E.C.	I	9251.837	I
I	10QJ85S	I	DOMESTIC	I
I		I	OUTPUT	I
I	SUBTOTAL	I	668435.614	I

I INDIRECT TAXES	I	1104 I	2031 I	3397 I	1942 I	1098 I	932 I	1297 I	111 I	
I SUBSIDIES	I	0 I	0 I	0 I	0 I	0 I	0 I	0 I	0 I	
I C OUTSIDE HOUSEHOLD	I	704 I	3761 I	2797 I	1330 I	2101 I	255 I	998 I	0 I	
I WAGES & SALARIES	I	0 I	0 I	0 I	0 I	0 I	0 I	0 I	0 I	
I OTHER LABOR INCOME	I	0 I	0 I	0 I	0 I	0 I	0 I	0 I	0 I	
I OPERATING SURPLUS	I	0 I	0 I	0 I	0 I	0 I	0 I	0 I	0 I	
I DEPRECIATION	I	0 I	0 I	0 I	0 I	0 I	0 I	0 I	0 I	
I DOUBLE DEFLATION	I	0 I	0 I	0 I	0 I	0 I	0 I	0 I	0 I	
I GROSS VALUE ADDED	I	29144 I	71606 I	60424 I	25406 I	46511 I	12200 I	26395 I	195933 I	
I TOTAL OUTPUT	I	115553 I	229086 I	186247 I	73628 I	154282 I	22042 I	60472 I	613430 I	

I IOVA51V	I 25 EL,GAS, I WATER	I 26 WHOLES- I ALE,RETAIL	I 27 FIN, I INS,ESTATE	I 28 REAL ES I TATE RENT	I 29 TRANS- I PORTATION	I 30 COMMU- I NICATION	I 31 PUBLIC I ADMIN.	I 32 PUBLIC I SERVICES	I
I INDIRECT TAXES	I	5074 I	21945 I	41263 I	0 I	6348 I	3479 I	0 I	296 I
I SUBSIDIES	I	0 I	-21650 I	0 I	0 I	0 I	0 I	0 I	0 I
I C OUTSIDE HOUSEHOLD	I	3396 I	51231 I	18092 I	0 I	13821 I	2482 I	0 I	6937 I
I WAGES & SALARIES	I	0 I	0 I	0 I	0 I	0 I	0 I	0 I	0 I
I OTHER LABOR INCOME	I	0 I	0 I	0 I	0 I	0 I	0 I	0 I	0 I
I OPERATING SURPLUS	I	0 I	0 I	0 I	0 I	0 I	0 I	0 I	0 I
I DEPRECIATION	I	0 I	0 I	0 I	0 I	0 I	0 I	0 I	0 I
I DOUBLE DEFLATION	I	0 I	0 I	0 I	0 I	0 I	0 I	0 I	0 I
I GROSS VALUE ADDED	I	71338 I	722826 I	253601 I	0 I	301898 I	55054 I	0 I	155033 I
I TOTAL OUTPUT	I	166167 I	959877 I	308275 I	0 I	518000 I	82811 I	0 I	252059 I

I IOVA51V	I 33 PRIVATE I SERVICES	I 34 OFFICE I SUPPLIES	I 35 PACKING I MATERIALS	I 36 SCRAPS	I 37 ACTIVI- I TIES NEC	I IOVAOUT51	I INTERMED. I DEMAND	I
I INDIRECT TAXES	I	53555 I	0 I	0 I	1783 I	8615 I	485773 I	
I SUBSIDIES	I	0 I	0 I	0 I	0 I	0 I	-23803 I	
I C OUTSIDE HOUSEHOLD	I	6296 I	0 I	0 I	0 I	33957 I	205945 I	
I WAGES & SALARIES	I	0 I	0 I	0 I	0 I	0 I	0 I	
I OTHER LABOR INCOME	I	0 I	0 I	0 I	0 I	0 I	0 I	
I OPERATING SURPLUS	I	0 I	0 I	0 I	0 I	0 I	0 I	
I DEPRECIATION	I	0 I	0 I	0 I	0 I	0 I	0 I	
I DOUBLE DEFLATION	I	0 I	0 I	0 I	0 I	0 I	0 I	
I GROSS VALUE ADDED	I	383207 I	0 I	0 I	3553 I	261393 I	5101317 I	
I TOTAL OUTPUT	I	819430 I	44249 I	0 I	200244 I	712288 I	11898567 I	

I IOVASS	I 01 AGRICULTURE ETC.	I 02 MINING	I 03 FOOD PROCESSING	I 04 TEXTILES	I 05 LUMBER AND WOOD	I 06 FURNITURE ETC.	I 07 PULP AND PAPER	I 08 PRINTING, PUBL.
I INDIRECT TAXES	I 25929	I 5919	I 373312	I 8360	I 4970	I 6875	I 4773	I 605
I SUBSIDIES	I -2897	I -19	I -28870	I 0	I 0	I 0	I 0	I 0
I C OUTSIDE HOUSEHOLD	I 4147	I 5610	I 16885	I 22669	I 4315	I 2550	I 2235	I 6802
I WAGES & SALARIES	I 242025	I 126030	I 129468	I 152360	I 34256	I 25983	I 38178	I 78830
I OTHER LABOR INCOME	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I OPERATING SURPLUS	I 1270345	I 38127	I 115570	I 123342	I 16935	I 17059	I 33302	I 25800
I DEPRECIATION	I 143948	I 22447	I 22323	I 31335	I 1603	I 1883	I 11182	I 16658
I DOUBLE DEFLATION	I 0	I 2915	I 0	I -25653	I 0	I 0	I 0	I 0
I GROSS VALUE ADDED	I 1683497	I 201029	I 628688	I 312413	I 62079	I 54350	I 90170	I 128695
I TOTAL OUTPUT	I 2500316	I 296934	I 2501233	I 1546766	I 313585	I 123150	I 348540	I 309529

I IOVASS	I 09 LEATHER & PRODUCTS	I 10 RUBBER PRODUCTS	I 11 CHEMICALS	I 12 PETROLEUM & COAL	I 13 NONMETAL MINERAL	I 14 IRON & STEEL MAT.	I 15 IRON & STEEL PROD	I 16 NONFERROUS METAL
I INDIRECT TAXES	I 203	I 496	I 8904	I 33857	I 4961	I 1172	I 2972	I 4668
I SUBSIDIES	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I C OUTSIDE HOUSEHOLD	I 175	I 1133	I 15286	I 1379	I 4530	I 2592	I 7368	I 1910
I WAGES & SALARIES	I 1749	I 6930	I 72254	I 9432	I 43704	I 21360	I 55283	I 22488
I OTHER LABOR INCOME	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I OPERATING SURPLUS	I 2451	I 13176	I 72282	I 17083	I 37300	I 101022	I 35649	I 27519
I DEPRECIATION	I 258	I 1260	I 25109	I 7283	I 8166	I 7950	I 15047	I 5896
I DOUBLE DEFLATION	I 0	I 0	I -15204	I 0	I 0	I 0	I 0	I 0
I GROSS VALUE ADDED	I 4836	I 22995	I 178631	I 69034	I 99161	I 134096	I 116319	I 62481
I TOTAL OUTPUT	I 22575	I 66782	I 681124	I 241368	I 232681	I 546575	I 674361	I 256006

I IOVASS	I 17 FABRICATED METALS	I 18 GENERAL MACHINERY	I 19 ELECTRICAL MACH.	I 20 MOTOR VEHICLES	I 21 OTHER TRANSPORT	I 22 PRECISION INST.	I 23 MANUFACTURING NEC	I 24 CONSTRUCTION
I INDIRECT TAXES	I 3109	I 7297	I 8233	I 4660	I 5388	I 856	I 3000	I 4431
I SUBSIDIES	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I C OUTSIDE HOUSEHOLD	I 3981	I 4507	I 5477	I 1764	I 2578	I 768	I 3018	I 23946
I WAGES & SALARIES	I 35289	I 81904	I 39021	I 13986	I 47035	I 10202	I 32046	I 284165
I OTHER LABOR INCOME	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I OPERATING SURPLUS	I 39928	I 41258	I 40849	I 7776	I 27748	I 7037	I 29672	I 61102
I DEPRECIATION	I 2380	I 11627	I 832	I 299	I 1172	I 353	I 2162	I 15102
I DOUBLE DEFLATION	I 0	I 0	I 0	I 0	I 0	I 0	I 422	I 0
I GROSS VALUE ADDED	I 84687	I 146593	I 94412	I 23485	I 83921	I 19216	I 70320	I 383746
I TOTAL OUTPUT	I 212220	I 407032	I 239199	I 99921	I 253754	I 44330	I 209401	I 1069843

I IOVASS	I 25 EL, GAS, WATER	I 26 WHOLES- ALE, RETAIL	I 27 FIN, INS, ESTATE	I 28 TRANS- PORTATION	I 29 COMMU- NICATION	I 30 PUBLIC SERVICES	I 31 PRIVATE SERVICES	I 32 OFFICE SUPPLIES
I INDIRECT TAXES	I 6090	I 37276	I 63683	I 9896	I 296	I 4646	I 49514	I 0
I SUBSIDIES	I -626	I -272	I -8189	I -414	I 0	I 0	I -499	I 0

	I	2109 I	7297 I	8233 I	4660 I	5388 I	856 I	3000 I	4431 I
I INDIRECT TAXES	I	3109 I	7297 I	8233 I	4660 I	5388 I	856 I	3000 I	4431 I
I SUBSIDIES	I	0 I	0 I	0 I	0 I	0 I	0 I	0 I	0 I
I C OUTSIDE HOUSEHOLD	I	3981 I	4507 I	5477 I	1764 I	2578 I	768 I	3018 I	23946 I
I WAGES & SALARIES	I	35289 I	81904 I	39021 I	13986 I	47035 I	10202 I	32046 I	284165 I
I OTHER LABOR INCOME	I	0 I	0 I	0 I	0 I	0 I	0 I	0 I	0 I
I OPERATING SURPLUS	I	39928 I	41258 I	40849 I	7776 I	27748 I	7037 I	29672 I	61102 I
I DEPRECIATION	I	2380 I	11627 I	832 I	299 I	1172 I	353 I	2162 I	15102 I
I DOUBLE DEFLATION	I	0 I	0 I	0 I	0 I	0 I	0 I	422 I	0 I
I GROSS VALUE ADDED	I	84687 I	146593 I	94412 I	23485 I	33921 I	19216 I	70320 I	383746 I
I TOTAL OUTPUT	I	212220 I	407032 I	239199 I	99921 I	253754 I	44330 I	209401 I	1069843 I

I IOVASS	I 25 EL,GAS, I WATER	I 26 WHOLES- I ALE,RETAIL	I 27 FIN, I INS,ESTATE	I 28 TRANS- I PORTATION	I 29 COMMU- I NICATION	I 30 PUBLIC I SERVICES	I 31 PRIVATE I SERVICES	I 32 OFFICE I SUPPLIES	I
I INDIRECT TAXES	I 6090 I	I 37276 I	I 63683 I	I 9896 I	I 296 I	I 4646 I	I 49514 I	I 0 I	I
I SUBSIDIES	I -626 I	I -272 I	I -8189 I	I -414 I	I 0 I	I 0 I	I -499 I	I 0 I	I
I C OUTSIDE HOUSEHOLD	I 7575 I	I 130077 I	I 18750 I	I 9014 I	I 3950 I	I 33101 I	I 37497 I	I 0 I	I
I WAGES & SALARIES	I 74714 I	I 324607 I	I 264814 I	I 284267 I	I 90050 I	I 297057 I	I 278224 I	I 0 I	I
I OTHER LABOR INCOME	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I
I OPERATING SURPLUS	I 59869 I	I 707384 I	I 210562 I	I 56206 I	I 38021 I	I 78233 I	I 335981 I	I 0 I	I
I DEPRECIATION	I 45044 I	I 50137 I	I 132828 I	I 102074 I	I 19830 I	I 6576 I	I 52322 I	I 0 I	I
I DOUBLE DEFLATION	I 0 I	I 0 I	I 0 I	I -5056 I	I 0 I	I 0 I	I 0 I	I 0 I	I
I GROSS VALUE ADDED	I 192666 I	I 1249209 I	I 682448 I	I 455987 I	I 152147 I	I 419613 I	I 753039 I	I 0 I	I
I TOTAL OUTPUT	I 318780 I	I 1649928 I	I 825763 I	I 772344 I	I 186712 I	I 554342 I	I 1475638 I	I 111718 I	I

I IOVASS	I 33 PACKING I MATERIALS	I 34 REPAIRS	I 35 SCRAPS	I 36 ACTIVI- I TIES NEC	I
I INDIRECT TAXES	I 0 I	I 4084 I	I 0 I	I 500 I	I
I SUBSIDIES	I 0 I	I 0 I	I 0 I	I 0 I	I
I C OUTSIDE HOUSEHOLD	I 0 I	I 2263 I	I 0 I	I 0 I	I
I WAGES & SALARIES	I 0 I	I 66538 I	I 0 I	I 0 I	I
I OTHER LABOR INCOME	I 0 I	I 0 I	I 0 I	I 0 I	I
I OPERATING SURPLUS	I 0 I	I 6741 I	I 118047 I	I 424514 I	I
I DEPRECIATION	I 0 I	I 1309 I	I 0 I	I 0 I	I
I DOUBLE DEFLATION	I 0 I	I 0 I	I 0 I	I 0 I	I
I GROSS VALUE ADDED	I 0 I	I 80935 I	I 118047 I	I 425014 I	I
I TOTAL OUTPUT	I 104251 I	I 278709 I	I 132296 I	I 709368 I	I

I IOVAOUT55	I INTERMED. I DEMAND	I
I INDIRECT TAXES	I 700935 I	I
I SUBSIDIES	I -41786 I	I
I C OUTSIDE HOUSEHOLD	I 387852 I	I
I WAGES & SALARIES	I 3284249 I	I
I OTHER LABOR INCOME	I 0 I	I
I OPERATING SURPLUS	I 4238890 I	I
I DEPRECIATION	I 766401 I	I
I PRICE ADJUSTMENT	I -42576 I	I
I GROSS VALUE ADDED	I 9293965 I	I
I TOTAL OUTPUT	I 20317080 I	I

I IOVA60	I 01 AGRICULTURE ETC.	I 02 MINING	I 03 FOOD PROCESSING	I 04 TEXTILES	I 05 LUMBER AND WOOD	I 06 FURNITURE ETC.	I 07 PULP AND PAPER	I 08 PRINTING, PUBL.
I INDIRECT TAXES	I 48095	I 9829	I 528275	I 12352	I 5592	I 1454	I 3494	I 2409
I SUBSIDIES	I -10251	I -7459	I -47830	I 0	I 0	I 0	I 0	I 0
I C OUTSIDE HOUSEHOLD	I 8076	I 11320	I 27616	I 20101	I 7672	I 5133	I 5126	I 15362
I WAGES & SALARIES	I 272685	I 163303	I 197403	I 292276	I 55271	I 33186	I 69375	I 89042
I OTHER LABOR INCOME	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I OPERATING SURPLUS	I 1552787	I 37224	I 176273	I 146800	I 35561	I 19531	I 58481	I 58663
I DEPRECIATION	I 209799	I 38456	I 39534	I 43316	I 9442	I 6641	I 24097	I 7650
I DOUBLE DEFLATION	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I GROSS VALUE ADDED	I 2081191	I 252673	I 921271	I 514845	I 113538	I 65945	I 160573	I 173126
I TOTAL OUTPUT	I 3150056	I 379946	I 3634303	I 2351812	I 611192	I 179410	I 665994	I 388721

I IOVA60	I 09 LEATHER & PRODUCTS	I 10 RUBBER PRODUCTS	I 11 CHEMICALS	I 12 PETROLEUM & COAL	I 13 NONMETALLIC MINERAL	I 14 IRON & STEEL MAT.	I 15 IRON & STEEL PROD	I 16 NONFERROUS METAL
I INDIRECT TAXES	I 226	I 1373	I 19864	I 152695	I 7468	I 1521	I 2568	I 1277
I SUBSIDIES	I 0	I 0	I -95	I 0	I 0	I 0	I 0	I 0
I C OUTSIDE HOUSEHOLD	I 84	I 2835	I 22296	I 6186	I 6353	I 4216	I 8746	I 4680
I WAGES & SALARIES	I 6956	I 36024	I 157337	I 19094	I 93914	I 43900	I 134908	I 36564
I OTHER LABOR INCOME	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I OPERATING SURPLUS	I 2935	I 25054	I 165303	I 91296	I 35030	I 127340	I 107814	I 42164
I DEPRECIATION	I 729	I 5055	I 37694	I 20502	I 23406	I 28941	I 51596	I 10334
I DOUBLE DEFLATION	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I GROSS VALUE ADDED	I 10930	I 70341	I 452399	I 289773	I 217271	I 205918	I 305832	I 95019
I TOTAL OUTPUT	I 56277	I 241732	I 1534357	I 664724	I 528932	I 1099841	I 1720600	I 419458

I IOVA60	I 17 FABRICATED METALS	I 18 GENERAL MACHINERY	I 19 ELECTRICAL MACH.	I 20 MOTOR VEHICLES	I 21 OTHER TRANSPORT	I 22 PRECISION INST.	I 23 MANUFACTURING NEC	I 24 CONSTRUCTION
I INDIRECT TAXES	I 8652	I 15641	I 34754	I 15867	I 16762	I 8863	I 8741	I 7283
I SUBSIDIES	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I C OUTSIDE HOUSEHOLD	I 12778	I 34137	I 19307	I 6594	I 8959	I 4815	I 6306	I 54544
I WAGES & SALARIES	I 123933	I 260899	I 197940	I 64872	I 161221	I 42400	I 45988	I 597776
I OTHER LABOR INCOME	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I OPERATING SURPLUS	I 84212	I 197835	I 146560	I 45693	I 56503	I 25244	I 41999	I 295128
I DEPRECIATION	I 9442	I 43553	I 38306	I 12624	I 37345	I 6263	I 7423	I 59838
I DOUBLE DEFLATION	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I GROSS VALUE ADDED	I 239017	I 553115	I 437167	I 145650	I 290790	I 87585	I 110457	I 1014569
I TOTAL OUTPUT	I 592932	I 1563776	I 1395914	I 500883	I 919269	I 215434	I 362579	I 3181492

I IOVA60	I 25 EL, GAS, WATER	I 26 WHOLES- ALE, RETAIL	I 27 FIN, INS, ESTATE	I 28 REAL ESTATE REN	I 29 TRANS- PORTATION	I 30 COMMU- NICATION	I 31 PUBLIC ADMIN.	I 32 PUBLIC SERVICES
I INDIRECT TAXES	I 79948	I 49795	I 114890	I 0	I 23170	I 3294	I 0	I 3935

	INDIRECT TAXES	SUBSIDIES	C OUTSIDE HOUSEHOLD	WAGES & SALARIES	OTHER LABOR INCOME	OPERATING SURPLUS	DEPRECIATION	DOUBLE DEFLATION	GROSS VALUE ADDED	TOTAL OUTPUT
I	8652	0	12778	123933	0	84212	9442	0	239017	592932
I	15661	0	34137	260899	0	197835	43553	0	553115	1563776
I	34754	0	19307	197940	0	146360	38306	0	437167	1395914
I	15867	0	6594	64872	0	45693	12624	0	145650	500883
I	16762	0	8959	161221	0	36503	37345	0	290790	919269
I	8863	0	4815	42400	0	25244	6263	0	87585	215434
I	8741	0	6306	45988	0	41999	7423	0	110457	362579
I	7283	0	56544	597776	0	295128	59838	0	1014569	3181492

	INDIRECT TAXES	SUBSIDIES	C OUTSIDE HOUSEHOLD	WAGES & SALARIES	OTHER LABOR INCOME	OPERATING SURPLUS	DEPRECIATION	DOUBLE DEFLATION	GROSS VALUE ADDED	TOTAL OUTPUT
I	79748	0	12681	128062	0	67166	134645	0	422502	664086
I	49795	0	199537	741773	0	786838	124031	0	1901974	2576037
I	114890	0	34526	346290	0	724512	186962	0	1407180	1692624
I	0	0	212	14559	0	114799	55264	0	184834	200019
I	23170	-48	28408	536310	0	146389	239011	0	973240	1529425
I	3294	0	3618	117710	0	60458	43868	0	228948	280376
I	0	0	67509	540941	0	0	209836	0	818286	818286
I	3935	0	80363	606396	0	130857	51142	0	872693	1173859

	INDIRECT TAXES	SUBSIDIES	C OUTSIDE HOUSEHOLD	WAGES & SALARIES	OTHER LABOR INCOME	OPERATING SURPLUS	DEPRECIATION	DOUBLE DEFLATION	GROSS VALUE ADDED	TOTAL OUTPUT
I	37576	-209	35134	366981	0	317274	90023	0	846779	1663597
I	0	0	0	0	0	0	0	0	0	247312
I	0	0	0	0	0	0	0	0	0	88965
I	46845	-5951	119171	500	0	203730	-215542	0	148753	953084

	INDIRECT TAXES	SUBSIDIES	C OUTSIDE HOUSEHOLD	WAGES & SALARIES	OTHER LABOR INCOME	OPERATING SURPLUS	DEPRECIATION	PRICE ADJUSTMENT	GROSS VALUE ADDED	TOTAL OUTPUT
I	1275508	-71843	885101	6595789	0	6187903	1746726	0	16619184	33302354

I IOVA55	I 01 AGRICULTURE ETC.	I 02 MINING	I 03 FOOD PROCESSING	I 04 TEXTILES	I 05 LUMBER AND WOOD	I 06 FURNITURE ETC.	I 07 PULP AND PAPER	I 08 PRINTING, PUBL.
I INDIRECT TAXES	I 69865	I 11692	I 751737	I 26571	I 11499	I 3205	I 11915	I 6251
I SUBSIDIES	I -25960	I -2334	I -162329	I 0	I 0	I 0	I 0	I 0
I C OUTSIDE HOUSEHOLD	I 21103	I 14735	I 75282	I 49700	I 13979	I 12501	I 21387	I 49416
I WAGES & SALARIES	I 385842	I 186910	I 400834	I 545586	I 158382	I 79392	I 131311	I 214894
I OTHER LABOR INCOME	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I OPERATING SURPLUS	I 2379363	I 57731	I 315216	I 169879	I 32026	I 50905	I 91987	I 122861
I DEPRECIATION	I 355111	I 69896	I 100699	I 99334	I 23758	I 19438	I 74346	I 23460
I DOUBLE DEFLATION	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I GROSS VALUE ADDED	I 3185324	I 333630	I 1481439	I 891070	I 239644	I 165441	I 331446	I 416882
I TOTAL OUTPUT	I 4840354	I 504217	I 5749182	I 3597101	I 1090592	I 452941	I 1268205	I 828105

I IOVA55	I 09 LEATHER & PRODUCTS	I 10 RUBBER PRODUCTS	I 11 CHEMICALS	I 12 PETROLEUM & COAL	I 13 NONMETALLIC MINERAL	I 14 IRON & STEEL MAT.	I 15 IRON & STEEL PROD	I 16 NONFERROUS METAL
I INDIRECT TAXES	I 722	I 3467	I 23908	I 398909	I 7873	I 5760	I 11073	I 3522
I SUBSIDIES	I 0	I 0	I -2760	I -1188	I 0	I 0	I 0	I 0
I C OUTSIDE HOUSEHOLD	I 862	I 12300	I 72294	I 21450	I 26525	I 5664	I 18911	I 10763
I WAGES & SALARIES	I 16064	I 68737	I 295500	I 45948	I 207493	I 71057	I 208713	I 68962
I OTHER LABOR INCOME	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I OPERATING SURPLUS	I 5219	I 37071	I 338732	I 138204	I 154315	I 32216	I 180058	I 44059
I DEPRECIATION	I 2117	I 16865	I 256457	I 50058	I 74281	I 74132	I 92272	I 20170
I DOUBLE DEFLATION	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I GROSS VALUE ADDED	I 24984	I 133440	I 934131	I 653381	I 470487	I 188829	I 511027	I 147476
I TOTAL OUTPUT	I 102525	I 399624	I 3057824	I 1377608	I 1036783	I 1588959	I 2715056	I 685205

I IOVA55	I 17 FABRICATED METALS	I 18 GENERAL MACHINERY	I 19 ELECTRICAL MACH.	I 20 MOTOR VEHICLES	I 21 OTHER TRANSPORT	I 22 PRECISION INST.	I 23 MANUFACTURING NEC	I 24 CONSTRUCTION
I INDIRECT TAXES	I 7919	I 29297	I 44528	I 30122	I 28552	I 17545	I 18164	I 54560
I SUBSIDIES	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I C OUTSIDE HOUSEHOLD	I 33820	I 50556	I 46570	I 14359	I 21976	I 14126	I 27331	I 224769
I WAGES & SALARIES	I 374887	I 584466	I 398103	I 206734	I 370213	I 111679	I 141216	I 1512619
I OTHER LABOR INCOME	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I OPERATING SURPLUS	I 243171	I 327322	I 255796	I 115968	I 144443	I 53141	I 80690	I 513583
I DEPRECIATION	I 43295	I 103185	I 81373	I 72821	I 68932	I 17185	I 41113	I 140280
I DOUBLE DEFLATION	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I GROSS VALUE ADDED	I 703092	I 1094826	I 826375	I 440004	I 634116	I 213676	I 308514	I 2445811
I TOTAL OUTPUT	I 1448371	I 2757714	I 2378464	I 1513740	I 1647116	I 498889	I 883555	I 6640063

I IOVA55	I 25 EL, GAS, WATER	I 26 WHOLES-ALE, RETAIL	I 27 FIN, INS, ESTATE	I 28 REAL ESTATE REN	I 29 TRANSPORTATION	I 30 COMMUNICATION	I 31 PUBLIC ADMIN.	I 32 PUBLIC SERVICES
I INDIRECT TAXES	I 132275	I 186126	I 168735	I 11988	I 50775	I 902	I 0	I 9940
I SUBSIDIES	I -1741	I -3892	I -1353	I 0	I -14081	I 0	I 0	I -12419

	INDIRECT TAXES	SUBSIDIES	C OUTSIDE HOUSEHOLD	WAGES & SALARIES	OTHER LABOR INCOME	OPERATING SURPLUS	DEPRECIATION	DOUBLE DEFLATION	GROSS VALUE ADDED	TOTAL OUTPUT
I	7919	0	33820	374887	0	243171	43295	0	703092	1448371
I	29297	0	50556	584466	0	327322	103185	0	1094826	2757714
I	44528	0	46570	398108	0	255796	81373	0	826375	2378464
I	30122	0	14359	206734	0	115968	72821	0	440004	1513740
I	28552	0	21976	370213	0	144443	68932	0	634116	1647116
I	17545	0	14126	111679	0	53141	17185	0	213676	498889
I	18164	0	27331	141216	0	80690	41113	0	308514	883555
I	54560	0	224769	1512619	0	513533	140280	0	2445811	6640063

	INDIRECT TAXES	SUBSIDIES	C OUTSIDE HOUSEHOLD	WAGES & SALARIES	OTHER LABOR INCOME	OPERATING SURPLUS	DEPRECIATION	DOUBLE DEFLATION	GROSS VALUE ADDED	TOTAL OUTPUT
I	132275	-1741	34268	246295	0	233890	301772	0	946759	1375701
I	186126	-3892	308601	1781876	0	1593872	225048	0	4091631	5847882
I	168735	-1353	124635	716636	0	1777651	562577	0	3348881	4054387
I	11988	0	583	35993	0	286451	95471	0	430486	460754
I	50775	-14081	85574	1269272	0	141730	457694	0	1990964	3078259
I	902	0	10204	296149	0	70625	166297	0	544177	602130
I	0	0	111738	1083560	0	0	66565	0	1261863	1261863
I	9940	-12439	121574	1524011	0	435220	136831	0	2215187	3061667

	INDIRECT TAXES	SUBSIDIES	C OUTSIDE HOUSEHOLD	WAGES & SALARIES	OTHER LABOR INCOME	OPERATING SURPLUS	DEPRECIATION	DOUBLE DEFLATION	GROSS VALUE ADDED	TOTAL OUTPUT
I	104974	0	100298	803275	0	701753	212243	0	1922543	3470295
I	0	0	0	0	0	0	0	0	0	460964
I	0	0	0	0	0	0	0	0	0	136943
I	16857	-2645	181761	-250	0	-47622	-38296	0	109805	985533

	INDIRECT TAXES	SUBSIDIES	C OUTSIDE HOUSEHOLD	WAGES & SALARIES	OTHER LABOR INCOME	OPERATING SURPLUS	DEPRECIATION	PRICE ADJUSTMENT	GROSS VALUE ADDED	TOTAL OUTPUT
I	2261228	-230722	1939615	14542364	0	11077526	4107330	0	33697341	71859071

I IOVA70	I 01 AGRICULTURE ETC.	I 02 MINING	I 03 FOOD PROCESSING	I 04 TEXTILES	I 05 LUMBER AND WOOD	I 06 FURNITURE ETC.	I 07 PULP AND PAPER	I 08 PRINTING, PUBL.
I INDIRECT TAXES	I 72.900	I 20.688	I 1259.024	I 34.229	I 19.596	I 11.082	I 20.738	I 22.003
I SUBSIDIES	I -170.059	I -59.374	I -335.821	I 0	I 0	I 0	I 0	I 0
I C OUTSIDE HOUSEHOLD	I 27.418	I 21.652	I 79.949	I 77.931	I 26.654	I 18.711	I 43.222	I 73.748
I WAGES & SALARIES	I 610.739	I 319.847	I 775.308	I 1074.630	I 360.864	I 205.877	I 280.030	I 521.756
I OTHER LABOR INCOME	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I OPERATING SURPLUS	I 3346.979	I 162.152	I 724.956	I 307.173	I 163.504	I 121.192	I 224.276	I 232.016
I DEPRECIATION	I 628.330	I 166.767	I 210.196	I 187.207	I 55.250	I 22.696	I 141.571	I 49.373
I DOUBLE DEFLATION	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I GROSS VALUE ADDED	I 4516.307	I 631.732	I 2713.612	I 1681.170	I 625.868	I 379.558	I 709.587	I 898.896
I TOTAL OUTPUT	I 7113.594	I 959.231	I 9620.589	I 6134.509	I 2304.377	I 1142.132	I 2621.110	I 1852.412

I IOVA70	I 09 LEATHER & PRODUCTS	I 10 RUBBER PRODUCTS	I 11 CHEMICALS	I 12 PETROL-EUM & COAL	I 13 NONMETAL MINERAL	I 14 IRON & STEEL MAT.	I 15 IRON & STEEL PROD	I 16 NONFERROUS METAL
I INDIRECT TAXES	I 1.257	I 6.205	I 74.805	I 732.123	I 26.217	I 40.518	I 32.415	I 13.737
I SUBSIDIES	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I C OUTSIDE HOUSEHOLD	I 2.338	I 8.507	I 130.800	I 44.342	I 54.775	I 25.736	I 50.966	I 16.200
I WAGES & SALARIES	I 33.145	I 159.697	I 627.672	I 70.692	I 476.679	I 174.238	I 520.378	I 162.665
I OTHER LABOR INCOME	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I OPERATING SURPLUS	I 13.171	I 51.272	I 333.431	I 339.725	I 350.423	I 100.997	I 349.550	I 148.836
I DEPRECIATION	I 2.325	I 43.128	I 498.683	I 104.824	I 177.250	I 201.854	I 299.304	I 72.172
I DOUBLE DEFLATION	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I GROSS VALUE ADDED	I 52.736	I 268.809	I 2165.396	I 1291.706	I 1085.345	I 543.423	I 1752.513	I 413.660
I TOTAL OUTPUT	I 189.384	I 739.718	I 6110.976	I 3018.732	I 2669.389	I 4001.718	I 7283.554	I 1856.731

I IOVA70	I 17 FABRICATED METALS	I 18 GENERAL MACHINERY	I 19 ELECTRICAL MACH.	I 20 MOTOR VEHICLES	I 21 OTHER TRANSPORT	I 22 PRECISION INST.	I 23 MANUFACTURING NEC	I 24 CONSTRUCTION
I INDIRECT TAXES	I 35.928	I 114.477	I 143.770	I 169.144	I 30.545	I 29.135	I 38.527	I 134.030
I SUBSIDIES	I 0	I 0	I 0	I 0	I -0.045	I 0	I 0	I -1.535
I C OUTSIDE HOUSEHOLD	I 66.210	I 112.794	I 147.680	I 37.664	I 42.039	I 28.613	I 41.589	I 420.665
I WAGES & SALARIES	I 827.152	I 1424.255	I 1106.889	I 516.800	I 770.595	I 249.372	I 562.759	I 2960.137
I OTHER LABOR INCOME	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I OPERATING SURPLUS	I 606.184	I 1047.815	I 1030.893	I 442.074	I 234.511	I 116.873	I 236.693	I 1968.766
I DEPRECIATION	I 119.377	I 321.911	I 271.763	I 233.604	I 133.925	I 42.221	I 114.276	I 662.293
I DOUBLE DEFLATION	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I GROSS VALUE ADDED	I 1654.351	I 3021.252	I 2701.000	I 1399.286	I 1211.570	I 456.144	I 793.944	I 6144.356
I TOTAL OUTPUT	I 3776.527	I 3323.635	I 7632.387	I 4430.744	I 3211.663	I 1103.456	I 2219.694	I 16258.776

I IOVA70	I 25 EL. GAS, WATER	I 26 WHOLES-ALE, RETAIL	I 27 FIN. INS, ESTATE	I 28 REAL ESTATE REN	I 29 TRANS-PORTATION	I 30 COMMUNICATION	I 31 PUBLIC ADMIN.	I 32 PUBLIC SERVICES
I INDIRECT TAXES	I 165.399	I 529.632	I 319.193	I 8.923	I 91.429	I 3.652	I 0	I 22.020
I SUBSIDIES	I -7.773	I -71.323	I -39.064	I 0	I -23.961	I 0	I 0	I -25.191

I IOVA75 I	I 01 AGRIC- I LTURE ETC. I	I 02 MINING I	I 03 FOOD I PROCESSING I	I 04 TEXTIL- I ES	I 05 LUMBER I AND WOOD	I 06 FURNI- I TURE ETC. I	I 07 PULP I AND PAPER	I 08 PRINT- I ING, PUBL. I
I INDIRECT TAXES	I 309.684 I	I 41.349 I	I 1792.939 I	I 98.068 I	I 31.883 I	I 22.086 I	I 50.230 I	I 40.072 I
I SUBSIDIES	I -233.072 I	I -52.259 I	I -914.358 I	I -1.085 I	I 0 I	I 0 I	I 0 I	I 0 I
I C OUTSIDE HOUSEHOLD	I 57.848 I	I 45.756 I	I 288.936 I	I 161.512 I	I 43.323 I	I 45.958 I	I 90.397 I	I 156.182 I
I WAGES & SALARIES	I 999.481 I	I 355.479 I	I 1546.872 I	I 1856.682 I	I 473.187 I	I 433.119 I	I 620.810 I	I 1084.878 I
I OTHER LABOR INCOME	I 148.625 I	I 63.686 I	I 146.598 I	I 185.315 I	I 45.754 I	I 52.272 I	I 76.451 I	I 101.635 I
I OPERATING SURPLUS	I 5608.237 I	I 183.531 I	I 1304.817 I	I 191.386 I	I 154.251 I	I 165.277 I	I 203.125 I	I 287.192 I
I DEPRECIATION	I 1095.961 I	I 175.391 I	I 463.324 I	I 333.099 I	I 102.690 I	I 56.640 I	I 238.524 I	I 110.779 I
I DOUBLE DEFLATION	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I
I GROSS VALUE ADDED	I 7986.764 I	I 812.933 I	I 4629.128 I	I 2824.977 I	I 351.588 I	I 825.352 I	I 1279.537 I	I 1780.738 I
I TOTAL OUTPUT	I 13038.192 I	I 1511.414 I	I 19007.706 I	I 9419.292 I	I 3281.881 I	I 2120.714 I	I 4747.573 I	I 3759.922 I

I IOVA75 I	I 09 LEATHER I & PRODUCTS I	I 10 RUBBER I PRODUCTS I	I 11 CHEMI- I CALS	I 12 PETROL- I EUM & COAL I	I 13 NONMET- I AL MINERAL I	I 14 IRON & I STEEL MAT. I	I 15 IRON & I STEEL PROD I	I 16 NONFER- I ROUS METAL I
I INDIRECT TAXES	I 3.900 I	I 13.623 I	I 151.334 I	I 1075.953 I	I 55.389 I	I 73.899 I	I 95.236 I	I 30.149 I
I SUBSIDIES	I -0.059 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I
I C OUTSIDE HOUSEHOLD	I 7.488 I	I 23.753 I	I 286.386 I	I 153.910 I	I 108.765 I	I 52.563 I	I 114.068 I	I 42.586 I
I WAGES & SALARIES	I 61.209 I	I 338.415 I	I 1289.369 I	I 152.339 I	I 903.353 I	I 319.035 I	I 1104.731 I	I 383.845 I
I OTHER LABOR INCOME	I 5.030 I	I 43.119 I	I 166.530 I	I 25.466 I	I 99.951 I	I 43.050 I	I 147.344 I	I 51.100 I
I OPERATING SURPLUS	I 24.521 I	I 30.520 I	I 687.089 I	I 103.961 I	I 369.522 I	I 119.895 I	I 548.596 I	I 143.315 I
I DEPRECIATION	I 14.059 I	I 35.490 I	I 720.895 I	I 182.794 I	I 305.556 I	I 352.209 I	I 578.318 I	I 137.763 I
I DOUBLE DEFLATION	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I
I GROSS VALUE ADDED	I 116.148 I	I 534.920 I	I 3301.603 I	I 1694.423 I	I 1343.036 I	I 970.701 I	I 2588.293 I	I 788.758 I
I TOTAL OUTPUT	I 336.018 I	I 1367.634 I	I 11076.481 I	I 9639.521 I	I 4875.072 I	I 7665.564 I	I 11504.183 I	I 3094.691 I

I IOVA75 I	I 17 FABRICA I TED METALS I	I 18 GENERAL I MACHINERY I	I 19 ELECTR- I ICAL MACH. I	I 20 MOTOR I VEHICLES	I 21 OTHER I TRANSPORT I	I 22 PRECI- I SION INST. I	I 23 MANUFAC I TURING NEC I	I 24 CONST- I RUCTION I
I INDIRECT TAXES	I 69.997 I	I 149.720 I	I 276.437 I	I 304.035 I	I 71.697 I	I 49.260 I	I 99.929 I	I 337.509 I
I SUBSIDIES	I 0 I	I 0 I	I -20.009 I	I 0 I	I -7.998 I	I 0 I	I 0 I	I -56.941 I
I C OUTSIDE HOUSEHOLD	I 135.496 I	I 252.878 I	I 257.426 I	I 111.512 I	I 116.500 I	I 43.188 I	I 97.554 I	I 912.190 I
I WAGES & SALARIES	I 1564.005 I	I 2895.169 I	I 2164.536 I	I 1105.649 I	I 1452.546 I	I 451.556 I	I 359.691 I	I 6915.818 I
I OTHER LABOR INCOME	I 155.246 I	I 311.952 I	I 232.371 I	I 118.307 I	I 168.920 I	I 49.028 I	I 80.799 I	I 682.362 I
I OPERATING SURPLUS	I 761.980 I	I 946.706 I	I 752.806 I	I 612.195 I	I 347.287 I	I 118.892 I	I 336.535 I	I 4477.809 I
I DEPRECIATION	I 272.043 I	I 552.893 I	I 410.584 I	I 421.556 I	I 259.204 I	I 51.698 I	I 255.294 I	I 1554.031 I
I DOUBLE DEFLATION	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I
I GROSS VALUE ADDED	I 2958.767 I	I 5109.318 I	I 4074.151 I	I 2673.254 I	I 2403.156 I	I 773.622 I	I 1729.302 I	I 14822.778 I
I TOTAL OUTPUT	I 6253.879 I	I 13561.201 I	I 10583.867 I	I 8201.780 I	I 6777.511 I	I 1638.903 I	I 4339.251 I	I 34073.892 I

I IOVA75 I	I 25 EL,GAS, I WATER	I 26 WHOLES- I ALE,RETAIL I	I 27 FIN, I INS,ESTATE I	I 28 REAL I ESTATE REN I	I 29 TRANS- I PORTATION I	I 30 COMMU- I NICATION I	I 31 PUBLIC I ADMIN. I	I 32 PUBLIC I SERVICES I
I INDIRECT TAXES	I 363.178 I	I 846.121 I	I 848.802 I	I 131.970 I	I 283.465 I	I 33.168 I	I 14.905 I	I 88.935 I
I SUBSIDIES	I -30.644 I	I -75.883 I	I -149.213 I	I 0 I	I -331.945 I	I -4.143 I	I 0 I	I -88.474 I
I C OUTSIDE HOUSEHOLD	I 74.673 I	I 1072.773 I	I 1072.773 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I

I INDIRECT TAXES	I 69.997 I	I 149.720 I	I 276.437 I	I 304.035 I	I 71.697 I	I 49.260 I	I 99.929 I	I 337.509 I
I SUBSIDIES	I 0 I	I 0 I	I -20.009 I	I 0 I	I -7.996 I	I 0 I	I 0 I	I -56.941 I
I C OUTSIDE HOUSEHOLD	I 135.496 I	I 252.878 I	I 257.426 I	I 111.512 I	I 116.500 I	I 43.188 I	I 97.554 I	I 912.190 I
I WAGES & SALARIES	I 1564.005 I	I 2895.169 I	I 2164.536 I	I 1105.649 I	I 1452.546 I	I 451.556 I	I 359.691 I	I 6915.818 I
I OTHER LABOR INCOME	I 155.246 I	I 311.952 I	I 232.371 I	I 118.307 I	I 168.920 I	I 49.028 I	I 80.799 I	I 682.362 I
I OPERATING SURPLUS	I 761.980 I	I 946.706 I	I 752.806 I	I 612.195 I	I 347.287 I	I 118.892 I	I 336.535 I	I 4477.809 I
I DEPRECIATION	I 272.043 I	I 552.893 I	I 410.584 I	I 421.556 I	I 259.204 I	I 51.698 I	I 255.294 I	I 1554.031 I
I DOUBLE DEFLATION	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I
I GROSS VALUE ADDED	I 2958.767 I	I 5109.318 I	I 4074.151 I	I 2673.254 I	I 2403.156 I	I 773.622 I	I 1729.302 I	I 14822.778 I
I TOTAL OUTPUT	I 6253.879 I	I 13561.201 I	I 10583.867 I	I 8201.780 I	I 6777.511 I	I 1638.903 I	I 4339.251 I	I 34073.892 I

I IOVA75	I 25 EL,GAS, I WATER	I 26 WHOLES- I ALE,RETAIL	I 27 FIN, I INS,ESTATE	I 28 REAL I ESTATE REN	I 29 TRANS- I PORTATION	I 30 COMMU- I NICATION	I 31 PUBLIC I ADMIN.	I 32 PUBLIC I SERVICES
I INDIRECT TAXES	I 363.178 I	I 846.121 I	I 848.802 I	I 131.970 I	I 283.465 I	I 33.168 I	I 14.905 I	I 88.935 I
I SUBSIDIES	I -30.644 I	I -75.883 I	I -149.213 I	I 0 I	I -531.945 I	I -4.143 I	I 0 I	I -88.474 I
I C OUTSIDE HOUSEHOLD	I 74.679 I	I 1057.697 I	I 355.572 I	I 10.896 I	I 315.477 I	I 39.989 I	I 214.661 I	I 179.784 I
I WAGES & SALARIES	I 1185.290 I	I 11419.567 I	I 3790.565 I	I 382.984 I	I 5230.212 I	I 1163.073 I	I 4921.938 I	I 9011.260 I
I OTHER LABOR INCOME	I 194.759 I	I 1043.025 I	I 519.345 I	I 30.923 I	I 758.295 I	I 174.773 I	I 825.644 I	I 1153.428 I
I OPERATING SURPLUS	I 714.177 I	I 6362.191 I	I 9401.476 I	I 1566.851 I	I -46.407 I	I -76.967 I	I 0 I	I 1132.490 I
I DEPRECIATION	I 857.565 I	I 1240.691 I	I 3817.171 I	I 237.819 I	I 1132.585 I	I 751.695 I	I 202.601 I	I 794.759 I
I DOUBLE DEFLATION	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I
I GROSS VALUE ADDED	I 3359.004 I	I 21893.409 I	I 18583.718 I	I 2361.443 I	I 7341.682 I	I 2081.588 I	I 6179.749 I	I 12272.182 I
I TOTAL OUTPUT	I 6642.319 I	I 30052.862 I	I 22515.271 I	I 4205.201 I	I 19579.827 I	I 2503.905 I	I 8581.168 I	I 17609.249 I

I IOVA75	I 33 PRIVATE I SERVICES	I 34 OFFICE I SUPPLIES	I 35 PACKING I MATERIALS	I 36 ACTIVI- I TIES NEC
I INDIRECT TAXES	I 1162.837 I	I 0 I	I 6.138 I	I 32.288 I
I SUBSIDIES	I -4.305 I	I 0 I	I 0 I	I -153.643 I
I C OUTSIDE HOUSEHOLD	I 525.486 I	I 0 I	I 0 I	I 321.468 I
I WAGES & SALARIES	I 5851.237 I	I 0 I	I 209.130 I	I 0 I
I OTHER LABOR INCOME	I 488.506 I	I 0 I	I 25.119 I	I 0 I
I OPERATING SURPLUS	I 3218.077 I	I 0 I	I 0 I	I 152.386 I
I DEPRECIATION	I 976.197 I	I 0 I	I 6.421 I	I 597.517 I
I DOUBLE DEFLATION	I 0 I	I 0 I	I 0 I	I 0 I
I GROSS VALUE ADDED	I 12218.035 I	I 0 I	I 246.808 I	I 950.016 I
I TOTAL OUTPUT	I 20779.990 I	I 645.761 I	I 1125.942 I	I 6113.198 I

I IOVAOUT75	I INTERMED. I DEMAND
I INDIRECT TAXES	I 9056.185 I
I SUBSIDIES	I -2124.031 I
I C OUTSIDE HOUSEHOLD	I 6702.384 I
I WAGES & SALARIES	I 72547.580 I
I OTHER LABOR INCOME	I 8414.728 I
I OPERATING SURPLUS	I 40903.719 I
I DEPRECIATION	I 19365.816 I
I PRICE ADJUSTMENT	I 0 I
I GROSS VALUE ADDED	I 154866.381 I
I TOTAL OUTPUT	I 332230.835 I

I IOVA30 I	I 01 AGRICU- I LTURE ETC. I	I 02 MINING I	I 03 FOOD I PROCESSING I	I 04 TEXTIL- I ES	I 05 LUMBER I AND WOOD	I 06 FURNI- I TURE ETC. I	I 07 PULP I AND PAPER	I 08 PRINT- I ING, PUBL. I
I INDIRECT TAXES	I 456.588 I	I 64.299 I	I 3081.550 I	I 152.721 I	I 54.841 I	I 53.174 I	I 88.960 I	I 75.785 I
I SUBSIDIES	I -461.931 I	I -36.721 I	I -778.920 I	I -0.073 I	I 0 I	I 0 I	I -0.013 I	I 0 I
I C OUTSIDE HOUSEHOLD	I 112.311 I	I 78.107 I	I 434.662 I	I 207.106 I	I 54.446 I	I 56.931 I	I 127.990 I	I 217.143 I
I WAGES & SALARIES	I 1414.892 I	I 525.184 I	I 2639.963 I	I 2637.410 I	I 810.623 I	I 798.317 I	I 1064.862 I	I 2003.600 I
I OTHER LABOR INCOME	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I
I OPERATING SURPLUS	I 5483.485 I	I 458.868 I	I 1939.612 I	I 348.048 I	I 178.569 I	I 259.789 I	I 331.790 I	I 452.730 I
I DEPRECIATION	I 1751.378 I	I 295.691 I	I 722.701 I	I 431.448 I	I 123.080 I	I 36.525 I	I 333.894 I	I 150.902 I
I DOUBLE DEFLATION	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I
I GROSS VALUE ADDED	I 8756.723 I	I 1385.428 I	I 8039.568 I	I 3776.660 I	I 1221.559 I	I 1254.736 I	I 1947.483 I	I 2900.160 I
I TOTAL OUTPUT	I 16111.429 I	I 2601.207 I	I 26954.117 I	I 12310.130 I	I 4352.891 I	I 3244.299 I	I 7932.981 I	I 6346.056 I

I IOVA30 I	I 09 LEATHER- I & PRODUCTS I	I 10 RUBBER I PRODUCTS I	I 11 CHEMI- I CALS	I 12 PETROL- I EUM & COAL I	I 13 NONMET- I AL MINERAL I	I 14 IRON & I STEEL MAT. I	I 15 IRON & I STEEL PROD I	I 16 NONFER- I ROUS METAL I
I INDIRECT TAXES	I 5.168 I	I 31.675 I	I 254.093 I	I 1967.779 I	I 137.096 I	I 118.954 I	I 158.834 I	I 72.832 I
I SUBSIDIES	I -0.153 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I
I C OUTSIDE HOUSEHOLD	I 10.021 I	I 38.426 I	I 413.614 I	I 272.243 I	I 168.736 I	I 65.788 I	I 199.881 I	I 56.622 I
I WAGES & SALARIES	I 100.781 I	I 686.945 I	I 2337.942 I	I 221.821 I	I 1564.625 I	I 443.351 I	I 1988.106 I	I 612.182 I
I OTHER LABOR INCOME	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I
I OPERATING SURPLUS	I 31.819 I	I 51.217 I	I 1161.187 I	I 185.088 I	I 407.623 I	I 421.095 I	I 1314.551 I	I 629.221 I
I DEPRECIATION	I 20.470 I	I 166.572 I	I 1113.674 I	I 352.021 I	I 494.902 I	I 646.197 I	I 705.778 I	I 193.172 I
I DOUBLE DEFLATION	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I
I GROSS VALUE ADDED	I 168.106 I	I 974.835 I	I 5280.510 I	I 2998.952 I	I 2774.982 I	I 1695.385 I	I 4367.150 I	I 1564.029 I
I TOTAL OUTPUT	I 500.612 I	I 2540.832 I	I 19768.441 I	I 17906.184 I	I 8254.740 I	I 10579.035 I	I 18366.298 I	I 7035.851 I

I IOVA30 I	I 17 FABRICA I TED METALS I	I 18 GENERAL I MACHINERY I	I 19 ELECTR- I ICAL MACH. I	I 20 MOTOR I VEHICLES	I 21 OTHER I TRANSPORT I	I 22 PRECI- I SION INST. I	I 23 MANUFAC I TURING NEC I	I 24 CONST- I RUCTION I
I INDIRECT TAXES	I 153.138 I	I 286.004 I	I 581.765 I	I 529.672 I	I 124.355 I	I 90.701 I	I 181.020 I	I 580.390 I
I SUBSIDIES	I 0 I	I 0 I	I -7.261 I	I 0 I	I -7.125 I	I 0 I	I 0 I	I -57.834 I
I C OUTSIDE HOUSEHOLD	I 227.379 I	I 349.828 I	I 469.347 I	I 197.766 I	I 160.351 I	I 63.196 I	I 153.278 I	I 1286.183 I
I WAGES & SALARIES	I 2481.758 I	I 4753.959 I	I 4166.432 I	I 1920.783 I	I 2559.345 I	I 937.819 I	I 1559.140 I	I 13330.615 I
I OTHER LABOR INCOME	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I
I OPERATING SURPLUS	I 871.388 I	I 1333.094 I	I 1829.633 I	I 1060.109 I	I 325.118 I	I 222.172 I	I 467.839 I	I 5994.983 I
I DEPRECIATION	I 421.019 I	I 836.745 I	I 833.315 I	I 685.759 I	I 309.981 I	I 135.597 I	I 485.344 I	I 2214.424 I
I DOUBLE DEFLATION	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I
I GROSS VALUE ADDED	I 4154.682 I	I 7559.630 I	I 7873.231 I	I 4394.089 I	I 3472.025 I	I 1449.485 I	I 2847.121 I	I 23348.761 I
I TOTAL OUTPUT	I 10409.268 I	I 22907.829 I	I 22603.083 I	I 16537.700 I	I 8951.973 I	I 3427.543 I	I 8122.927 I	I 55257.361 I

I IOVA30 I	I 25 EL,GAS, I WATER	I 26 WHOLES- I ALE,RETAIL I	I 27 FIN, I INS,ESTATE I	I 28 REAL I ESTATE REN I	I 29 TRANS- I PORTATION I	I 30 COMMU- I NICATION I	I 31 PUBLIC I ADMIN. I	I 32 PUBLIC I SERVICES I
I INDIRECT TAXES	I 655.264 I	I 1706.518 I	I 1687.889 I	I 282.983 I	I 420.463 I	I 58.035 I	I 28.350 I	I 281.075 I
I SUBSIDIES	I -76.992 I	I -177.764 I	I -728.038 I	I 0 I	I -839.104 I	I -0.765 I	I 0 I	I -132.264 I
I C OUTSIDE HOUSEHOLD	I 142.590 I	I 1669.591 I	I 433.824 I	I 18.847 I	I 0 I	I 0 I	I 0 I	I 0 I

I	INDIRECT TAXES	I	153.138	I	236.004	I	581.765	I	529.672	I	124.355	I	90.701	I	181.020	I	580.390	I
I	SUBSIDIES	I	0	I	0	I	-7.261	I	0	I	-7.125	I	0	I	0	I	-57.834	I
I	C OUTSIDE HOUSEHOLD	I	227.379	I	349.828	I	469.347	I	197.766	I	160.351	I	63.196	I	153.278	I	1286.183	I
I	WAGES & SALARIES	I	2481.758	I	4753.959	I	4166.432	I	1920.783	I	2559.345	I	937.819	I	1559.140	I	13330.615	I
I	OTHER LABOR INCOME	I	0	I	0	I	0	I	0	I	0	I	0	I	0	I	0	I
I	OPERATING SURPLUS	I	871.388	I	1333.094	I	1829.633	I	1060.109	I	325.118	I	222.172	I	467.839	I	5994.983	I
I	DEPRECIATION	I	421.019	I	836.745	I	833.315	I	685.759	I	309.981	I	135.597	I	485.344	I	2214.424	I
I	DOUBLE DEFLATION	I	0	I	0	I	0	I	0	I	0	I	0	I	0	I	0	I
I	GROSS VALUE ADDED	I	4154.682	I	7559.630	I	7873.231	I	4394.089	I	3472.025	I	1449.485	I	2847.121	I	23348.761	I
I	TOTAL OUTPUT	I	10409.268	I	22907.829	I	22603.083	I	16537.700	I	8951.973	I	3427.543	I	8122.927	I	55257.361	I

I	IOVA30	I	25 EL,GAS, WATER	I	26 WHOLES- ALE,RETAIL	I	27 FIN, INS,ESTATE	I	28 REAL ESTATE REN	I	29 TRANS- PORTATION	I	30 COMMU- NICATION	I	31 PUBLIC ADMIN.	I	32 PUBLIC SERVICES	I
I	INDIRECT TAXES	I	655.264	I	1706.518	I	1687.889	I	282.983	I	420.463	I	58.035	I	28.350	I	281.075	I
I	SUBSIDIES	I	-76.992	I	-177.764	I	-728.038	I	0	I	-839.104	I	-0.765	I	0	I	-132.264	I
I	C OUTSIDE HOUSEHOLD	I	142.590	I	1669.591	I	433.826	I	18.943	I	544.067	I	55.691	I	366.430	I	400.221	I
I	WAGES & SALARIES	I	2508.303	I	20824.604	I	6576.212	I	292.288	I	9018.418	I	2125.662	I	8845.891	I	17031.658	I
I	OTHER LABOR INCOME	I	0	I	0	I	0	I	0	I	0	I	0	I	0	I	0	I
I	OPERATING SURPLUS	I	1976.170	I	9828.048	I	14983.362	I	3506.807	I	442.665	I	360.507	I	0	I	1738.744	I
I	DEPRECIATION	I	1672.944	I	2153.714	I	7550.575	I	331.988	I	1423.157	I	1272.817	I	389.987	I	1628.906	I
I	DOUBLE DEFLATION	I	0	I	0	I	0	I	0	I	0	I	0	I	0	I	0	I
I	GROSS VALUE ADDED	I	6878.279	I	36004.711	I	30503.826	I	4433.009	I	11009.666	I	3831.947	I	9630.658	I	20948.340	I
I	TOTAL OUTPUT	I	14750.532	I	51517.792	I	37652.806	I	4778.253	I	32355.203	I	4899.276	I	13275.248	I	32410.799	I

I	IOVA30	I	33 PRIVATE SERVICES	I	34 OFFICE SUPPLIES	I	35 PACKING MATERIALS	I	36 ACTIVI- TIES NEC	I
I	INDIRECT TAXES	I	1894.120	I	0	I	3.542	I	46.061	I
I	SUBSIDIES	I	-18.056	I	0	I	0	I	-247.948	I
I	C OUTSIDE HOUSEHOLD	I	964.965	I	0	I	14.481	I	154.171	I
I	WAGES & SALARIES	I	11394.463	I	0	I	363.738	I	0	I
I	OTHER LABOR INCOME	I	0	I	0	I	0	I	0	I
I	OPERATING SURPLUS	I	5686.077	I	0	I	220.781	I	449.702	I
I	DEPRECIATION	I	1692.999	I	0	I	12.690	I	0	I
I	DOUBLE DEFLATION	I	0	I	0	I	0	I	0	I
I	GROSS VALUE ADDED	I	21614.568	I	0	I	615.232	I	401.986	I
I	TOTAL OUTPUT	I	38421.753	I	1043.677	I	2894.919	I	7417.788	I

I	IOVAOUT80	I	INTERMED. DEMAND	I
I	INDIRECT TAXES	I	16375.694	I
I	SUBSIDIES	I	-3570.962	I
I	C OUTSIDE HOUSEHOLD	I	10186.331	I
I	WAGES & SALARIES	I	130541.692	I
I	OTHER LABOR INCOME	I	0	I
I	OPERATING SURPLUS	I	64953.891	I
I	DEPRECIATION	I	31640.866	I
I	PRICE ADJUSTMENT	I	0	I
I	GROSS VALUE ADDED	I	250127.512	I
I	TOTAL OUTPUT	I	555040.833	I

I IOVA85 I	I 01 AGRICU- I LTURE ETC. I	I 02 MINING I	I 03 FOOD I PROCESSING I	I 04 TEXTIL- I ES	I 05 LUMBER I AND WOOD	I 06 FURNI- I TURE ETC. I	I 07 PULP I AND PAPER	I 08 PRINT- I ING, PUBL. I
I INDIRECT TAXES	I 553.923 I	I 55.173 I	I 3789.029 I	I 164.558 I	I 39.831 I	I 52.916 I	I 94.756 I	I 100.310 I
I SUBSIDIES	I -493.690 I	I -39.866 I	I -789.139 I	I -0.074 I	I 0 I	I 0 I	I -0.017 I	I 0 I
I C OUTSIDE HOUSEHOLD	I 112.675 I	I 71.348 I	I 539.013 I	I 229.246 I	I 40.925 I	I 56.835 I	I 146.392 I	I 299.260 I
I WAGES & SALARIES	I 1511.570 I	I 505.607 I	I 3780.602 I	I 3217.536 I	I 539.254 I	I 871.818 I	I 1285.806 I	I 2688.736 I
I OTHER LABOR INCOME	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I
I OPERATING SURPLUS	I 5944.485 I	I 282.540 I	I 2583.787 I	I 413.915 I	I 165.230 I	I 252.170 I	I 383.105 I	I 623.746 I
I DEPRECIATION	I 2073.762 I	I 260.765 I	I 996.363 I	I 482.065 I	I 96.283 I	I 39.083 I	I 382.271 I	I 217.420 I
I DOUBLE DEFLATION	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I
I GROSS VALUE ADDED	I 9702.725 I	I 1135.567 I	I 10989.655 I	I 4507.246 I	I 881.523 I	I 1322.822 I	I 2292.313 I	I 3929.472 I
I TOTAL OUTPUT	I 17372.804 I	I 2273.858 I	I 31646.481 I	I 13248.706 I	I 3453.081 I	I 3222.238 I	I 8575.071 I	I 8482.040 I

I IOVA85 I	I 09 LEATHER I & PRODUCTS I	I 10 RUBBER I PRODUCTS I	I 11 CHEMI- I CALS	I 12 PETROL- I EUM & COAL I	I 13 NONMET- I AL MINERAL I	I 14 IRON & I STEEL MAT. I	I 15 IRON & I STEEL PROD I	I 16 NONFER- I ROUS METAL I
I INDIRECT TAXES	I 4.943 I	I 37.598 I	I 309.401 I	I 2315.700 I	I 135.111 I	I 105.514 I	I 181.908 I	I 63.049 I
I SUBSIDIES	I -0.214 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I
I C OUTSIDE HOUSEHOLD	I 10.382 I	I 45.643 I	I 496.429 I	I 237.553 I	I 166.203 I	I 47.558 I	I 217.649 I	I 49.421 I
I WAGES & SALARIES	I 82.278 I	I 798.752 I	I 2761.486 I	I 258.706 I	I 1350.487 I	I 424.987 I	I 2563.891 I	I 657.285 I
I OTHER LABOR INCOME	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I
I OPERATING SURPLUS	I 31.589 I	I 60.322 I	I 1231.729 I	I 350.255 I	I 400.335 I	I 260.963 I	I 1497.763 I	I 697.295 I
I DEPRECIATION	I 19.081 I	I 229.028 I	I 1386.355 I	I 413.122 I	I 523.083 I	I 338.026 I	I 939.193 I	I 204.990 I
I DOUBLE DEFLATION	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I
I GROSS VALUE ADDED	I 148.059 I	I 1171.343 I	I 6185.400 I	I 3578.336 I	I 3075.219 I	I 1226.688 I	I 5402.404 I	I 1672.040 I
I TOTAL OUTPUT	I 489.927 I	I 3018.527 I	I 21447.540 I	I 15622.126 I	I 8095.932 I	I 9463.122 I	I 19095.982 I	I 6345.780 I

I IOVA85 I	I 17 FABRICA I TED METALS I	I 18 GENERAL I MACHINERY I	I 19 ELECTR- I ICAL MACH. I	I 20 MOTOR I VEHICLES	I 21 OTHER I TRANSPORT I	I 22 PRECI- I SION INST. I	I 23 MANUFAC I TURING NEC I	I 24 CONST- I RUCTION I
I INDIRECT TAXES	I 188.961 I	I 408.508 I	I 959.800 I	I 856.633 I	I 149.017 I	I 98.169 I	I 255.401 I	I 661.533 I
I SUBSIDIES	I 0 I	I 0 I	I -19.165 I	I 0 I	I -17.102 I	I 0 I	I 0 I	I -43.087 I
I C OUTSIDE HOUSEHOLD	I 279.781 I	I 497.432 I	I 887.312 I	I 276.956 I	I 207.562 I	I 73.828 I	I 225.307 I	I 1266.710 I
I WAGES & SALARIES	I 3397.195 I	I 7204.874 I	I 6651.556 I	I 3034.860 I	I 3506.217 I	I 1319.422 I	I 2497.634 I	I 13084.885 I
I OTHER LABOR INCOME	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I
I OPERATING SURPLUS	I 1088.866 I	I 1809.877 I	I 2821.505 I	I 1359.303 I	I 328.205 I	I 225.447 I	I 681.386 I	I 4358.562 I
I DEPRECIATION	I 571.517 I	I 1399.003 I	I 1942.965 I	I 1363.221 I	I 470.513 I	I 218.567 I	I 881.192 I	I 2579.101 I
I DOUBLE DEFLATION	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I
I GROSS VALUE ADDED	I 5526.320 I	I 11319.694 I	I 13243.973 I	I 6890.973 I	I 4644.410 I	I 1935.433 I	I 4540.920 I	I 21907.704 I
I TOTAL OUTPUT	I 12747.227 I	I 32467.329 I	I 43213.338 I	I 23159.676 I	I 11147.172 I	I 4345.561 I	I 11824.495 I	I 54295.797 I

I IOVA85 I	I 25 EL,GAS, I WATER	I 26 WHOLES- I ALE,RETAIL I	I 27 FIN, I INS,ESTATE I	I 28 REAL I ESTATE REN I	I 29 TRANS- I PORTATION I	I 30 COMMU- I NICATION I	I 31 PUBLIC I ADMIN. I	I 32 PUBLIC I SERVICES I
I INDIRECT TAXES	I 1051.546 I	I 2295.174 I	I 2986.560 I	I 478.015 I	I 554.128 I	I 74.289 I	I 37.245 I	I 383.673 I
I SUBSIDIES	I -101.022 I	I -161.832 I	I -856.456 I	I 0 I	I -857.314 I	I -0.995 I	I 0 I	I -161.168 I
I C OUTSIDE HOUSEHOLD	I 191.488 I	I 383.775 I	I 383.775 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I
I WAGES & SALARIES	I 191.488 I	I 383.775 I	I 383.775 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I
I OTHER LABOR INCOME	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I
I OPERATING SURPLUS	I 191.488 I	I 383.775 I	I 383.775 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I
I DEPRECIATION	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I
I DOUBLE DEFLATION	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I
I GROSS VALUE ADDED	I 191.488 I	I 383.775 I	I 383.775 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I
I TOTAL OUTPUT	I 191.488 I	I 383.775 I	I 383.775 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I

I INDIRECT TAXES	I 188.961 I	I 408.508 I	I 959.800 I	I 856.633 I	I 149.017 I	I 98.169 I	I 255.401 I	I 661.533 I
I SUBSIDIES	I 0 I	I 0 I	I -19.165 I	I 0 I	I -17.102 I	I 0 I	I 0 I	I -43.087 I
I C OUTSIDE HOUSEHOLD	I 279.781 I	I 497.432 I	I 887.312 I	I 276.956 I	I 207.562 I	I 73.828 I	I 225.307 I	I 1266.710 I
I WAGES & SALARIES	I 3397.195 I	I 7204.874 I	I 6651.556 I	I 3034.860 I	I 3506.217 I	I 1319.422 I	I 2497.634 I	I 13084.885 I
I OTHER LABOR INCOME	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I
I OPERATING SURPLUS	I 1088.866 I	I 1809.877 I	I 2821.505 I	I 1359.303 I	I 328.205 I	I 225.447 I	I 681.386 I	I 4358.562 I
I DEPRECIATION	I 571.517 I	I 1399.003 I	I 1942.965 I	I 1363.221 I	I 470.513 I	I 218.567 I	I 881.192 I	I 2579.101 I
I DOUBLE DEFLATION	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I
I GROSS VALUE ADDED	I 5526.320 I	I 11319.694 I	I 13243.973 I	I 6890.973 I	I 4544.410 I	I 1935.433 I	I 4540.920 I	I 21907.704 I
I TOTAL OUTPUT	I 12747.227 I	I 32467.329 I	I 43213.338 I	I 23159.676 I	I 11147.172 I	I 4345.561 I	I 11824.495 I	I 54295.797 I

I IOVA85	I 25 EL,GAS, I WATER	I 26 WHOLES- I ALE,RETAIL	I 27 FIN, I INS,ESTATE	I 28 REAL I ESTATE REN	I 29 TRANS- I PORTATION	I 30 COMMU- I NICATION	I 31 PUBLIC I ADMIN.	I 32 PUBLIC I SERVICES
I INDIRECT TAXES	I 1051.546 I	I 2295.174 I	I 2986.560 I	I 478.015 I	I 554.128 I	I 74.289 I	I 37.245 I	I 383.673 I
I SUBSIDIES	I -101.022 I	I -161.832 I	I -856.456 I	I 0 I	I -857.314 I	I -0.995 I	I 0 I	I -161.168 I
I C OUTSIDE HOUSEHOLD	I 194.409 I	I 2024.835 I	I 623.227 I	I 29.244 I	I 709.905 I	I 62.113 I	I 481.489 I	I 544.846 I
I WAGES & SALARIES	I 3718.174 I	I 24227.878 I	I 10046.451 I	I 421.296 I	I 11749.957 I	I 2613.118 I	I 11233.319 I	I 22953.543 I
I OTHER LABOR INCOME	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I
I OPERATING SURPLUS	I 2650.436 I	I 9136.006 I	I 18661.893 I	I 5449.221 I	I 1121.566 I	I 310.121 I	I 0 I	I 2316.176 I
I DEPRECIATION	I 3743.305 I	I 2485.806 I	I 10488.221 I	I 522.495 I	I 2073.400 I	I 1325.724 I	I 512.091 I	I 2289.369 I
I DOUBLE DEFLATION	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I
I GROSS VALUE ADDED	I 11256.848 I	I 40007.867 I	I 41949.896 I	I 6900.271 I	I 15351.642 I	I 4384.379 I	I 12264.144 I	I 28326.439 I
I TOTAL OUTPUT	I 20049.907 I	I 61464.507 I	I 51840.812 I	I 7376.782 I	I 25970.124 I	I 5592.449 I	I 17443.676 I	I 43507.102 I

I IOVA85	I 33 PRIVATE I SERVICES	I 34 OFFICE I SUPPLIES	I 35 PACKING I MATERIALS	I 36 ACTIVI- I TIES NEC
I INDIRECT TAXES	I 2660.783 I	I 0 I	I 3.873 I	I 46.057 I
I SUBSIDIES	I -28.236 I	I 0 I	I 0 I	I -213.942 I
I C OUTSIDE HOUSEHOLD	I 1443.247 I	I 0 I	I 15.838 I	I 154.445 I
I WAGES & SALARIES	I 17000.528 I	I 0 I	I 367.248 I	I 0 I
I OTHER LABOR INCOME	I 0 I	I 0 I	I 0 I	I 0 I
I OPERATING SURPLUS	I 8804.907 I	I 0 I	I 216.882 I	I 448.489 I
I DEPRECIATION	I 2790.253 I	I 0 I	I 13.861 I	I 0 I
I DOUBLE DEFLATION	I 0 I	I 0 I	I 0 I	I 0 I
I GROSS VALUE ADDED	I 32671.482 I	I 0 I	I 617.702 I	I 435.049 I
I TOTAL OUTPUT	I 56161.360 I	I 1557.081 I	I 3166.169 I	I 9251.837 I

I IOVAOUT85	I INTERMED. I DEMAND
I INDIRECT TAXES	I 22226.587 I
I SUBSIDIES	I -3783.319 I
I C OUTSIDE HOUSEHOLD	I 12752.652 I
I WAGES & SALARIES	I 168750.912 I
I OTHER LABOR INCOME	I 0 I
I OPERATING SURPLUS	I 76909.924 I
I DEPRECIATION	I 44330.493 I
I PRICE ADJUSTMENT	I 0 I
I GROSS VALUE ADDED	I 321187.249 I
I TOTAL OUTPUT	I 668435.614 I

Table 7. Input coefficients

7-1 Input coefficients, 1951

A(I,J) / X(I) PRINT

*** IO 1951 (38/06/21)

DATE : 6/28/1958 PAGE = 5

	1	2	3	4	5	6	7	8	9	10
1	.041045	.030549	.281166	.218540	.516925	.000000	.063703	.002271	.668915	.347933
2	.002980	.017457	.008339	.005686	.001842	.004423	.032535	.001228	.005996	.013359
3	.027568	.000000	.143202	.002647	.000000	.000000	.000862	.000117	.000000	.000012
4	.016599	.001910	.004657	.398348	.002976	.001355	.014101	.004405	.000000	.229933
5	.001635	.007278	.004049	.000927	.082220	.429146	.004847	.000058	.000000	.001505
6	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
7	.001114	.000000	.011231	.001972	.000616	.009963	.366456	.356088	.000000	.003197
8	.000000	.000306	.000073	.000075	.000000	.000000	.008654	.000000	.000000	.000000
9	.000000	.000000	.000177	.010681	.000000	.000000	.000000	.000000	.144651	.000000
10	.006441	.010139	.000731	.001618	.000143	.000000	.004148	.002768	.000000	.020102
11	.051775	.018762	.009514	.078032	.005823	.026779	.026373	.030717	.006230	.143130
12	.007347	.009039	.000612	.000510	.000527	.000917	.001432	.002982	.000937	.006312
13	.001219	.002059	.007140	.000057	.002699	.007771	.000643	.000068	.001780	.000000
14	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
15	.000123	.027716	.000164	.000414	.000000	.000000	.006830	.000419	.000000	.000000
16	.000308	.000737	.001041	.000126	.000074	.000000	.003463	.005389	.000000	.000058
17	.002274	.029070	.010085	.000090	.004183	.002710	.000000	.000341	.000000	.000000
18	.002081	.009740	.000012	.003390	.000005	.000040	.000181	.001179	.000000	.000000
19	.000123	.005932	.000143	.000258	.000308	.000000	.000116	.004132	.000000	.000117
20	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
21	.001054	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
22	.000005	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
23	.000000	.000000	.000390	.001616	.000659	.000000	.000000	.000000	.000000	.000000
24	.010425	.018782	.002968	.003405	.000973	.000000	.005545	.024285	.000234	.000793
25	.001586	.032379	.006493	.004136	.013117	.007532	.014734	.006929	.001593	.004737
26	.018945	.011158	.016807	.018469	.006352	.046266	.019284	.032851	.023187	.035888
27	.002675	.004691	.002559	.003644	.005212	.007811	.003851	.002358	.000000	.002392
28	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
29	.005656	.016099	.014027	.004261	.039579	.053280	.029654	.008800	.020611	.018410
30	.000125	.001757	.000954	.001038	.000062	.000080	.000837	.017064	.000609	.000992
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
33	.000317	.002321	.006357	.007956	.000474	.000877	.007055	.066423	.001685	.002363
34	.000000	.002369	.001102	.001285	.000062	.000080	.001802	.000000	.000375	.000992
35	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
36	.000627	.003969	.000210	.027764	.000000	.003985	.021121	.000000	.000000	.013662
37	.017576	.081424	.042346	.011504	.029487	.000000	.059026	.031779	.012226	.005833
38	.222124	.345643	.577157	.808165	.714130	.603013	.697255	.602651	.859029	.851724
39	.777375	.654398	.422851	.191526	.285321	.397147	.302723	.397379	.110330	.148287
40	.999999	1.000000	1.000000	.999991	.999951	1.000159	.999978	1.000029	.999359	1.000012

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*** IO 1951 (38/06/21)

DATE : 6/28/1958 PAGE = 5

	11	12	13	14	15	16	17	18	19	20
1	.015445	.017450	.007689	.002016	.001315	.000000	.000000	.000000	.000000	.000000

29	.005656	.016099	.014027	.004261	.039579	.053280	.029654	.008800	.020611	.018410
30	.000125	.001757	.000954	.001038	.000062	.000080	.000837	.017064	.000609	.000992
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
33	.000317	.002321	.006357	.007056	.000474	.000877	.007055	.066423	.001686	.002363
34	.000000	.002369	.001102	.001285	.000062	.000080	.001802	.000000	.000375	.000992
35	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
36	.000627	.003969	.000210	.027764	.000000	.003985	.021121	.000000	.000000	.013662
37	.017576	.081424	.042546	.011504	.029487	.000000	.059026	.031779	.012226	.005833
38	.222124	.345643	.577157	.808165	.714130	.603013	.697255	.692651	.859029	.851724
39	.777875	.654398	.422851	.191526	.285321	.397147	.302723	.397379	.110330	.148287
40	.999999	1.000000	1.000000	.999991	.999951	1.000159	.999978	1.000029	.999359	1.000012

*** 10 1951 (38/05/21)

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	11	12	13	14	15	16	17	18	19	20
1	.015445	.017450	.007689	.002915	.001265	.000419	.002155	.000000	.000000	.000000
2	.061551	.463826	.185785	.103221	.009969	.159441	.002839	.004444	.009085	.001320
3	.063373	.002387	.000545	.000000	.000035	.000000	.000000	.000262	.000231	.000285
4	.004010	.000394	.007353	.000202	.000180	.001722	.002873	.003985	.019802	.004305
5	.002097	.000564	.019742	.000000	.002296	.000838	.007365	.005557	.004924	.012726
6	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.010315	.001546	.000000
7	.051923	.001603	.050708	.000000	.000245	.000851	.002112	.006295	.008081	.002825
8	.001592	.000306	.000000	.000009	.000023	.000379	.000130	.000188	.000070	.000068
9	.000027	.000000	.000000	.000000	.000000	.000000	.000000	.002196	.000123	.000407
10	.004316	.001080	.004828	.000910	.000899	.000991	.000900	.004016	.000784	.004880
11	.234146	.016030	.037154	.000764	.001024	.009716	.000987	.008150	.013718	.006411
12	.026967	.044111	.010921	.123618	.012061	.013753	.010177	.003396	.004354	.003380
13	.008080	.001202	.080187	.029248	.000847	.006045	.000493	.004736	.011635	.013555
14	.000535	.013205	.000296	.233303	.346338	.000000	.000130	.000000	.000145	.000000
15	.001036	.000000	.017971	.014001	.357291	.002281	.514050	.345111	.092324	.243739
16	.019449	.002445	.004471	.002641	.013985	.225867	.028654	.030364	.198580	.051231
17	.005270	.005522	.002128	.001603	.001589	.000446	.008602	.008106	.005509	.009113
18	.000292	.000000	.000047	.000866	.005171	.000239	.002839	.131104	.007775	.019870
19	.001751	.000014	.000215	.001672	.001653	.000412	.001385	.006923	.135170	.050321
20	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.068602
21	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
22	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
23	.000000	.000000	.000000	.000000	.000000	.000000	.000753	.003723	.002808	.000231
24	.008579	.001888	.001488	.002888	.002918	.007249	.002925	.004042	.003050	.004075
25	.022363	.105359	.021654	.017306	.005508	.015389	.009701	.005910	.006475	.005446
26	.025009	.012960	.023459	.008564	.008697	.013361	.015283	.025318	.032956	.041194
27	.004182	.001623	.001791	.000345	.000343	.000984	.000459	.002995	.002797	.003124
28	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
29	.001749	.032760	.034609	.007981	.007663	.012510	.009087	.010114	.010320	.011436
30	.003048	.001223	.001306	.000779	.000764	.001909	.000770	.006882	.000789	.000924
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32	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
33	.024485	.000163	.001313	.005964	.003259	.005971	.004898	.004387	.004523	.004523
34	.002371	.000659	.000774	.001309	.001266	.000579	.001298	.001667	.001036	.001738
35	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
36	.000696	.000000	.013204	.276650	.051554	.232431	.000000	.000000	.029563	.000000
37	.049676	.076144	.096663	.055832	.034322	.084103	.115834	.052718	.067539	.023795
38	.660273	.803418	.626303	.892537	.873869	.795176	.747769	.687414	.675581	.655023
39	.339717	.196582	.373731	.107472	.126132	.204831	.252213	.312573	.324429	.345059
40	.999990	1.000000	1.000034	1.000009	1.000001	1.000007	.999983	.999987	1.000011	1.000081

	21	22	23	24	25	26	27	28	29	30
1	.000000	.000000	.044467	.012848	.003081	.003465	.000000	.000000	.002894	.002017
2	.035564	.004310	.015892	.023150	.259335	.000513	.000084	.000000	.060141	.003828
3	.000225	.000227	.002232	.000000	.000018	.000000	.000000	.000000	.000255	.000000
4	.009204	.002541	.059366	.002193	.001769	.000000	.000000	.000000	.017232	.011629
5	.029510	.013021	.026624	.110141	.002154	.004416	.000000	.000000	.004624	.000012
6	.000000	.000000	.000000	.012888	.000000	.000000	.000000	.000000	.000000	.000000
7	.001790	.018193	.045889	.004049	.000981	.013838	.003948	.000000	.003575	.004722
8	.000379	.000318	.003092	.000492	.000355	.000230	.015243	.000000	.002220	.009347
9	.006379	.000408	.000281	.000000	.000000	.000000	.000000	.000000	.000000	.000000
10	.023149	.035081	.000000	.003670	.002245	.006221	.000000	.000000	.015185	.000000
11	.014402	.010026	.144563	.015104	.004730	.000000	.000000	.000000	.003386	.000568
12	.005308	.002450	.007127	.006695	.036782	.000562	.000000	.000000	.076402	.004649
13	.008344	.021323	.001373	.105720	.003761	.000000	.000000	.000000	.002297	.000193
14	.000000	.000000	.000000	.000000	.000083	.000000	.000000	.000000	.000000	.000000
15	.223640	.048135	.016818	.080308	.009286	.000000	.000000	.000000	.021620	.000362
16	.017933	.135695	.023184	.008017	.002034	.000000	.000000	.000000	.002139	.000036
17	.007773	.006987	.000000	.054502	.001523	.008984	.000000	.000000	.005971	.006545
18	.036519	.012703	.000033	.006509	.000012	.000000	.000000	.000000	.000351	.000000
19	.055536	.002268	.000000	.037409	.029476	.000205	.000000	.000000	.010563	.082851
20	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.007571	.000000
21	.067068	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.014023	.001292
22	.000000	.073178	.000000	.000000	.000000	.002278	.000000	.000000	.000232	.000000
23	.000353	.000000	.054223	.011282	.000000	.000000	.000000	.000000	.000039	.000000
24	.004060	.004083	.000496	.002445	.023585	.008007	.048119	.000000	.024203	.005362
25	.007183	.008847	.005490	.000236	.014786	.001437	.000165	.000000	.012004	.005265
26	.038550	.016741	.030543	.056414	.016020	.006300	.003740	.000000	.013575	.014865
27	.002861	.003902	.001455	.000755	.002522	.016319	.067427	.000000	.014883	.000060
28	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
29	.011176	.007259	.013097	.037342	.030499	.010379	.001074	.000000	.020543	.051008
30	.000634	.000771	.000546	.003438	.001980	.024977	.011590	.000000	.001193	.002319
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
33	.004383	.009890	.010071	.077636	.006102	.041300	.013426	.000000	.025624	.005253
34	.001577	.005580	.000463	.000057	.002287	.023717	.007772	.000000	.007983	.001244
35	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
36	.000000	.000000	.000017	.000605	.000000	.000000	.000000	.000000	.000000	.000000
37	.032493	.032529	.147093	.000000	.110763	.073809	.004759	.000000	.045347	.121723
38	.716901	.446466	.654435	.630589	.570709	.246958	.177348	.000000	.417189	.335149
39	.283117	.553489	.345532	.319405	.429315	.753040	.822645	.000000	.582815	.664815
40	1.000013	.999955	.999967	.999995	1.000024	.999998	.999994	.000000	1.000004	.999964

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	31	32	33	34	35	36	37
1	.000000	.035714	.066505	.000000	.000000	.000000	.000000

33	.004583	.009990	.000071	.077638	.006102	.041300	.013426	.000000	.025624	.005253
34	.001577	.005580	.000463	.000057	.002287	.023717	.007772	.000000	.007983	.001244
35	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
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37	.032493	.032529	.147093	.000000	.110763	.073809	.004759	.000000	.045347	.121723
38	.716901	.446466	.654435	.680589	.570709	.246958	.177348	.000000	.417189	.335149
39	.283117	.553489	.345532	.319406	.429315	.753040	.822645	.000000	.582815	.664815
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*** 10 1951 (38/05/21)

DATE : 6/28/1953 PAGE = 5

	31	32	33	34	35	36	37
1	.000000	.035714	.066505	.000000	.000000	.000000	.099333
2	.000000	.006907	.001774	.000000	.000000	.000000	.001036
3	.000000	.016798	.167604	.000000	.000000	.002921	.051337
4	.000000	.017956	.002542	.005424	.000000	.108023	.120102
5	.000000	.000480	.000978	.001831	.000000	.005563	.007341
6	.000000	.003487	.000085	.000000	.000000	.000185	.000149
7	.000000	.000793	.002058	.242446	.000000	.002762	.005495
8	.000000	.015441	.018087	.160659	.000000	.002003	.001308
9	.000000	.000000	.000244	.000000	.000000	.000964	.001638
10	.000000	.002456	.002656	.000000	.000000	.000300	.003313
11	.000000	.090530	.007326	.022938	.000000	.008390	.029950
12	.000000	.000091	.000924	.000000	.000000	.000230	.010438
13	.000000	.003138	.003533	.004520	.000000	.000944	.002813
14	.000000	.000000	.000000	.000000	.000000	.075498	.000000
15	.000000	.000000	.002269	.000000	.000000	.180389	.011450
16	.000000	.001940	.000000	.000000	.000000	.000654	.014484
17	.000000	.000000	.001541	.000000	.000000	.005843	.005404
18	.000000	.000000	.011703	.005379	.000000	.005553	.004525
19	.000000	.001281	.011859	.000000	.000000	.004534	.006544
20	.000000	.000000	.007552	.000000	.000000	.002672	.000000
21	.000000	.000000	.006832	.000000	.000000	.008335	.003695
22	.000000	.008883	.000560	.000000	.000000	.000894	.000000
23	.000000	.007677	.002394	.077968	.000000	.001383	.000687
24	.000000	.041086	.009104	.000000	.000000	.000000	.000000
25	.000000	.014219	.008297	.000000	.000000	.000000	.014806
26	.000000	.041605	.036223	.075075	.000000	.429476	.081019
27	.000000	.013810	.020888	.000000	.000000	.000000	.014987
28	.000000	.000000	.000000	.000000	.000000	.000000	.000000
29	.000000	.005320	.009665	.015910	.000000	.000000	.054787
30	.000000	.007447	.011396	.000000	.000000	.001808	.018876
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.000000	.000000	.000000	.000000	.000000	.000000	.023227
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34	.000000	.008502	.004037	.000000	.000000	.000000	.000927
35	.000000	.000000	.000000	.000000	.000000	.000000	.000000
36	.000000	.000000	.000275	.000000	.000000	.005453	.002253
37	.000000	.039384	.100999	.387873	.000000	.101846	.005637
38	.000000	.384946	.532547	1.000023	.000000	.957122	.632325
39	.000000	.615066	.467651	.000000	.000000	.042863	.367676
40	.000000	1.000012	.999998	1.000023	.000000	.999985	1.000003

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36	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
37	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
38	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
39	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000

*** 10 1985 (35/05/14)

DATE : 5/ 4/1988 PAGE = 5

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2	.038370	.515397	.144752	.033535	.005360	.144520	.001546	.001779	.002069	.001091
3	.038661	.000000	.000000	.000000	.000000	.000000	.000000	.000130	.000059	.000110
4	.001563	.000000	.000000	.000000	.000000	.007808	.002724	.003354	.001003	.001181
5	.009360	.000054	.010727	.000064	.000033	.000679	.000669	.007712	.006463	.002523
6	.007173	.000041	.001904	.000049	.001103	.001109	.002168	.002511	.012446	.001081
7	.016079	.000070	.029345	.000086	.000039	.001273	.000763	.002938	.011033	.000340
8	.000484	.002942	.003601	.000007	.000223	.001730	.003251	.005697	.000100	.000090
9	.000000	.000000	.000000	.000000	.000000	.000000	.000547	.002607	.000033	.000130
10	.002342	.000754	.000537	.000553	.000685	.000168	.002799	.001769	.005481	.006878
11	.266123	.015313	.018650	.002494	.002033	.010836	.006913	.017610	.013357	.017167
12	.035359	.041845	.026010	.080073	.013991	.015730	.007172	.006859	.007301	.004585
13	.008304	.002030	.052295	.010377	.000602	.005648	.002021	.005535	.023549	.023444
14	.001095	.006173	.001567	.430259	.481527	.000000	.000001	.000000	.000263	.000000
15	.000552	.000000	.002250	.060685	.222244	.004129	.360927	.259238	.110643	.180272
16	.007527	.000000	.003640	.002534	.016017	.249600	.100825	.054583	.166913	.021041
17	.003697	.002026	.000064	.000002	.000756	.000789	.016356	.011095	.001622	.028239
18	.000153	.000141	.000486	.009742	.008656	.002375	.006625	.136965	.015886	.176538
19	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.024426	.102576	.040701
20	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.042843
21	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
22	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
23	.000172	.000000	.000047	.000002	.000013	.000016	.001461	.001007	.022325	.002693
24	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
25	.036433	.004723	.031581	.019331	.007524	.027214	.008995	.007464	.010319	.009299
26	.037493	.009040	.047211	.005335	.008991	.011140	.024291	.028054	.048742	.050341
27	.009634	.005697	.006365	.000542	.001091	.001672	.001296	.006162	.003512	.003123
28	.020973	.055703	.041663	.016143	.007215	.013156	.009123	.008717	.010025	.011241
29	.002351	.001491	.003619	.000363	.002233	.002062	.000024	.000450	.000656	.000921
30	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
31	.022577	.005663	.005666	.000454	.002260	.002410	.001720	.008218	.005857	.003063
32	.002163	.001719	.001474	.000179	.000337	.000965	.005207	.001784	.001685	.001742
33	.037426	.000224	.000906	.000260	.000130	.001152	.002427	.005211	.025365	.000200
34	.013523	.000476	.001906	.005586	.008722	.003609	.008472	.008137	.007107	.001461
35	.001120	.000000	.000064	.000000	.000063	.186289	.000000	.000000	.000000	.000000
36	.046215	.041671	.103485	.023969	.036687	.055284	.018348	.019787	.014375	.002743
37	.757741	.713989	.573533	.754561	.827512	.755939	.600947	.639349	.605299	.715082
38	.262259	.236011	.426167	.245339	.172483	.244061	.399053	.366151	.394701	.285138
39	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000220

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	21	22	23	24	25	26	27	28	29	30
1	.0J0J67	.0J0J00	.059690	.016782	.0J0J00	.000647	.0J0816	.0J0118	.001386	.002714
2	.0J2317	.0J0406	.003747	.035532	.094131	.000246	.000852	.025442	.001138	.003028
3	.0J0J63	.0J0248	.0J2J44	.000000	.000J00	.000000	.0J0000	.0J0000	.000000	.000356
4	.0J6513	.0J3357	.059396	.0J1360	.002246	.000727	.000174	.003060	.004407	.004631
5	.043783	.005504	.033066	.134423	.000000	.005731	.000000	.009286	.000000	.000013
6	.0J1761	.071715	.004580	.025751	.0J0565	.0J4594	.000053	.0J2702	.0J2075	.000000
7	.0J0181	.0J0000	.021008	.000902	.0J0000	.007275	.000000	.000000	.023475	.000000
8	.0J0J99	.002527	.022617	.000000	.0J2323	.006818	.0J7857	.003883	.007637	.009876
9	.003609	.018362	.068495	.000000	.000000	.000000	.000117	.000000	.000000	.000000
10	.029097	.0J1308	.020103	.001022	.002786	.000406	.000348	.006821	.000106	.000173
11	.039105	.0J6339	.098481	.0J6923	.0J1622	.000000	.0J0J00	.0J0586	.0J0J00	.060671
12	.0J5351	.003136	.009413	.005949	.061732	.000560	.000741	.092548	.002365	.002135
13	.005418	.007512	.004503	.101800	.001951	.000000	.000000	.000694	.000212	.001442
14	.0J0J00	.000000	.000000	.000049	.008181	.000000	.000000	.000000	.000000	.000000
15	.238766	.150350	.019040	.060328	.005634	.000342	.000000	.005035	.000575	.000000
16	.025290	.078164	.011442	.030927	.0J1986	.000000	.000000	.001945	.008357	.003274
17	.013236	.000113	.005755	.061855	.000803	.000655	.000000	.000280	.000368	.000220
18	.101523	.015881	.000917	.009643	.013313	.000230	.000000	.000000	.000000	.003154
19	.023213	.001466	.0J0J00	.007531	.001716	.000000	.000000	.000000	.000000	.000000
20	.0J0000	.0J0000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
21	.039767	.0J0J00	.000000	.000000	.000000	.000000	.000000	.016727	.000664	.000000
22	.000000	.056057	.000000	.000025	.000000	.000000	.000000	.000000	.000000	.000000
23	.0J1J99	.003925	.046791	.003166	.000000	.000920	.000000	.000278	.000915	.004089
24	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
25	.014934	.005166	.009436	.002464	.020337	.004785	.003267	.012624	.008870	.017843
26	.047085	.051726	.044570	.038402	.009833	.003373	.001649	.013898	.002689	.014904
27	.0J2628	.005797	.006103	.002769	.007312	.026857	.020576	.014116	.006220	.005917
28	.011951	.007602	.009957	.034752	.026608	.012899	.000424	.012638	.014276	.003912
29	.0J0757	.003474	.004436	.003065	.001302	.034962	.028450	.004711	.009272	.003234
30	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
31	.0J2644	.018768	.013500	.005324	.008256	.049856	.012045	.046483	.028803	.013652
32	.0J1450	.018453	.001815	.005509	.003193	.037301	.001501	.004043	.004692	.015296
33	.000166	.020099	.010520	.000000	.000000	.022903	.000000	.016571	.000000	.000000
34	.002869	.004624	.001409	.002932	.110380	.009880	.086543	.055338	.005411	.022721
35	.000000	.000000	.004704	.001143	.000000	.000000	.000000	.000135	.000000	.000000
36	.0J4457	.003745	.066442	.036299	.008900	.011110	.007929	.055607	.058415	.051795
37	.669224	.566524	.664185	.636633	.395615	.242871	.173225	.405684	.192830	.245050
38	.330689	.433476	.335815	.363367	.604385	.757129	.824874	.584740	.848793	.763209
39	.979913	1.000000	1.000000	1.000000	1.000000	1.000000	.998099	.990425	1.041623	1.008259

34	.002869	.004624	.001409	.002932	.110380	.009380	.086543	.055338	.005411	.022721
35	.000000	.000000	.004764	.001143	.000000	.000000	.000000	.000135	.000000	.000000
36	.004457	.003745	.066442	.036299	.008900	.011110	.007929	.055607	.058415	.051795
37	.669224	.566524	.664185	.636633	.395615	.242871	.173225	.405684	.192830	.245050
38	.330689	.433476	.335815	.363367	.604385	.757129	.824874	.584740	.848793	.763209
39	.999913	1.000000	1.000000	1.000000	1.000000	1.000000	.998099	.990425	1.041623	1.008259

*** 10 1955 (35/05/04)

DATE : 5/ 4/1958 PAGE : 5

	31	32	33	34	35	36
1	.046163	.000000	.006607	.025597	.002169	.008223
2	.002544	.000000	.000000	.006204	.000000	.004029
3	.164394	.000000	.000000	.000397	.006213	.126363
4	.003741	.000000	.007576	.000352	.072345	.038265
5	.000106	.000000	.250213	.030394	.000000	.000454
6	.001366	.066722	.171345	.003660	.000000	-.027443
7	.001703	.162140	.317047	.001345	.000000	-.038681
8	.023991	.421329	.000000	.000000	.000000	.016175
9	.001137	.000000	.000000	.000000	.000000	.001601
10	.004750	.000000	.000000	.008231	.000000	.013378
11	.018586	.000000	.000000	.008636	.000000	.040776
12	.001880	.000000	.000000	.000361	.000000	.010172
13	.002179	.001146	.000000	.084059	.000000	.013766
14	.000000	.000000	.000000	.000000	.000000	.000000
15	.000527	.000000	.014983	.084475	.000000	.013010
16	.000156	.000000	.000000	.028398	.001995	.013164
17	.004003	.015033	.006417	.096118	.000000	.006538
18	.000530	.000000	.000000	.076194	.000000	.002329
19	.000133	.021625	.000000	.058412	.000000	.000211
20	.009034	.000000	.000000	.000000	.000000	.000000
21	.004351	.000000	.000000	.024903	.000000	.003636
22	.000956	.002233	.000000	.003796	.000000	.000000
23	.003780	.090621	.004614	.004155	.000000	.003407
24	.000000	.000000	.000000	.000000	.000000	.000000
25	.017343	.000000	.000000	.000980	.000000	.001802
26	.057502	.077348	.086416	.038316	.004316	.043035
27	.018494	.000000	.000000	.000322	.000000	.038148
28	.009182	.011117	.007952	.018001	.000665	.027942
29	.016387	.000000	.000000	.001055	.000000	.000000
30	.000000	.000000	.000000	.000000	.000000	.000000
31	.045590	.000000	.000000	.000452	.000000	.052163
32	.007260	.000000	.000000	.002045	.000000	.000000
33	.000442	.000000	.000000	.000000	.000000	.000000
34	.002748	.000000	.000000	.014456	.000000	.000000
35	.000452	.000000	.000000	.000000	.000000	.000000
36	.015738	.049491	.105869	.035790	.000000	-.011609
37	.438703	1.000000	1.000000	.709603	.107705	.400855
38	.509290	.000000	.000000	.290392	.892245	.599145
39	.997993	1.000000	1.000000	1.000000	1.000000	1.000000

7-3 Input coefficients, 1960

A(I,J) / X(I) PRINT

*** IO 1960 (38/05/04)

DATE : 5/ 4/1988 PAGE = 5

	1	2	3	4	5	6	7	8	9	10
1	.150341	-.031644	.421435	-.141135	-.555362	-.000301	.068736	-.000000	-.006912	-.204945
2	.000076	.011999	.001727	.002595	-.000564	-.001873	.021527	-.000000	-.004176	-.006564
3	.040511	-.000000	-.143571	.002654	-.000000	-.000000	.001015	-.000015	.330183	-.000000
4	.014645	-.002034	-.000645	.397130	-.001999	-.029307	-.004842	-.003200	-.079233	-.156517
5	.001343	.001984	-.003876	-.000615	-.101024	-.155432	.020694	-.000617	-.001635	-.000000
6	.000090	-.000000	.000009	.000000	-.000002	-.008305	-.000000	-.000000	-.000000	-.000000
7	.001198	-.000000	.007595	.000956	-.002613	-.005050	.381160	-.305047	-.003660	-.006452
8	.000052	.003019	.001423	.001975	-.000419	-.001694	.044155	-.040857	-.001670	-.001841
9	.000003	-.000000	-.000014	.006396	-.000000	-.000128	.000014	-.000409	-.142776	-.000000
10	.000556	-.000505	.000070	.003058	-.000020	-.004013	-.000000	-.000103	-.004656	-.040512
11	.048811	-.019484	-.029359	.103526	-.014270	-.066345	.029655	-.039236	-.037458	-.106166
12	-.013166	.029762	.005416	.004451	.004668	-.002313	.010610	-.000015	-.006521	-.019216
13	.001114	.000534	.010362	.000000	.000599	-.005741	.000922	-.000018	-.001457	-.008785
14	.000000	.000000	.000000	.000000	.000000	-.000000	.000000	-.000000	-.000000	-.000000
15	.000071	-.009499	.000119	-.001277	-.001476	.079934	-.000000	-.000376	-.000000	-.002593
16	.000004	.000000	.000480	-.000000	-.000119	-.009046	-.000000	-.004360	-.000000	-.000000
17	.002191	.006085	.007285	.002713	.010733	-.058631	.001712	-.000069	-.036711	-.009972
18	.003975	-.015918	.004118	.004191	-.004275	-.001098	.003775	-.007720	-.000711	-.014488
19	.000326	.005969	.000258	.001153	-.000069	-.000000	-.000000	-.002843	-.000977	-.000000
20	.000000	.000000	.000000	.000000	-.000000	-.000000	-.000000	-.000000	-.000000	-.000000
21	.005407	.011036	.000701	.000337	.002299	.000312	-.000000	-.000147	-.004069	-.000964
22	.000172	-.000000	-.000005	-.000000	-.000002	-.000000	-.000000	-.001598	-.000000	-.000000
23	.002136	.000347	.002262	.001561	-.000023	-.018332	-.000000	-.002333	-.036427	-.012718
24	.005385	.017084	.001951	.001777	-.001494	-.008628	.001970	-.002254	-.008014	-.001998
25	.001968	.056421	.005290	.010687	-.007083	-.008021	.049816	-.005863	-.005311	-.013363
26	.012211	.014436	.032746	.036625	.031643	-.075536	.023637	-.031683	-.049025	-.040611
27	.009784	.011286	.004727	.008179	-.009099	.014007	.013452	-.018852	-.008440	-.011928
28	.000549	-.001593	-.000664	.001781	-.000461	.015127	-.002137	-.002444	-.000800	-.002254
29	.008100	.014326	.016849	.010228	-.022646	.023432	-.028608	-.028957	-.008280	-.013367
30	.000311	.009475	.001459	.002824	-.001273	.010139	.002396	-.011561	-.002274	-.001431
31	.000000	-.000000	-.000000	-.000000	-.000000	-.000000	-.000000	-.000000	-.000000	-.000000
32	.000130	.001516	.000474	.001271	-.000993	.002659	.003944	-.012742	-.000480	-.006225
33	.001524	.005959	.008264	.004073	-.002386	.011393	-.003649	-.004587	-.004282	-.006440
34	.000274	.026143	.000486	.007194	-.001783	.006700	.003033	-.000000	-.000000	-.003445
35	.000000	-.000000	.000253	.003477	-.001960	-.000061	.011101	-.003656	-.000000	-.008202
36	.012292	.026906	.032317	.017238	-.032255	-.008874	.026332	-.023065	-.019137	-.008078
37	.339315	.334971	.746507	.731086	-.814235	-.632434	.758897	-.554627	-.805782	-.709073
38	.660684	.665023	.253493	.218914	-.185765	-.367566	.241103	-.445373	-.194213	-.290927
39	1.000000	-.999995	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

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*** IO 1960 (38/05/04)

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11 12 13 14 15 16 17 18 19 20

30	.000311	.009475	.001459	.002824	.001273	.010139	.002392	.011561	.002274	.001431
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.000130	.001516	.000474	.001271	.000993	.002659	.003944	.012742	.000480	.006225
33	.001524	.005959	.008264	.004073	.002886	.011393	.003649	.004587	.004282	.006440
34	.000274	.002614	.000486	.007194	.001783	.006700	.003038	.000000	.000000	.003445
35	.000000	.000000	.000253	.003477	.001960	.000061	.011101	.003656	.000000	.008202
36	.012292	.026906	.052317	.017238	.032253	.008874	.026332	.023065	.019137	.008078
37	.339316	.734971	.746507	.731086	.814235	.632434	.758897	.554627	.805782	.709073
38	.600684	.665023	.233493	.218914	.185765	.367560	.241103	.445373	.194213	.290927
39	1.000000	.999995	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

*** 10 1960 (33/03/34)

DATE : 01/01/1965 PAGE = 5

	11	12	13	14	15	16	17	18	19	20
1	.053553	.006019	.003240	.000000	.000212	.000856	.001251	.000000	.000703	.000000
2	.036477	.333185	.130025	.090297	.001495	.187080	.001103	.000212	.000452	.000163
3	.012323	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
4	.001543	.000385	.004083	.000072	.000157	.000262	.002483	.002493	.003017	.002264
5	.000528	.002404	.008338	.000000	.000253	.000346	.003540	.002750	.000413	.001425
6	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.003410	.005699	.000541
7	.043266	.002583	.026034	.000000	.000000	.000000	.000066	.000398	.008175	.001505
8	.000767	.000188	.002000	.000363	.000252	.000534	.001746	.001210	.001297	.000880
9	.000131	.000000	.000000	.000000	.000000	.000000	.000067	.001246	.000303	.000060
10	.000379	.000312	.000025	.000421	.000603	.000319	.003255	.005267	.009186	.001219
11	.294193	.011101	.020184	.006513	.009620	.004596	.012767	.007809	.020195	.008445
12	.034180	.033209	.043885	.076274	.014344	.017897	.007517	.005665	.007381	.003402
13	.005731	.000524	.007104	.013120	.004287	.007455	.004500	.004136	.017232	.013167
14	.000019	.000000	.000089	.491640	.447195	.000622	.004355	.004332	.003196	.004794
15	.000000	.000000	.000000	.000000	.200168	.000274	.270291	.181567	.083727	.120367
16	.007053	.000125	.005473	.004266	.007217	.396841	.110952	.024619	.108111	.030145
17	.006596	.003149	.000590	.000000	.002177	.001116	.028958	.019027	.007806	.016331
18	.006584	.005601	.012062	.004735	.007857	.009243	.003196	.197656	.023079	.075334
19	.004640	.002688	.001477	.002420	.002270	.004484	.001531	.041195	.211903	.039696
20	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.198063
21	.000454	.000205	.002230	.001295	.001266	.001235	.000990	.001968	.001337	.000359
22	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.004363	.006205	.000467
23	.005405	.002664	.000231	.000000	.000010	.000055	.001862	.005686	.016490	.006766
24	.004394	.003546	.008563	.001525	.001737	.002715	.005916	.002394	.002663	.003158
25	.038303	.035083	.044225	.030145	.009463	.032022	.007760	.009082	.010198	.009405
26	.029591	.006294	.029010	.023690	.016959	.028396	.039591	.030726	.031326	.029518
27	.013037	.011335	.019000	.002280	.003473	.008017	.008181	.007378	.013025	.009699
28	.002587	.003057	.004030	.000539	.000376	.000641	.002678	.003572	.002881	.001406
29	.026288	.024764	.049780	.023171	.010971	.021466	.019061	.017954	.015259	.015702
30	.003710	.002995	.005309	.002760	.003197	.002780	.006252	.006784	.004986	.003713
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.006942	.001334	.002660	.001545	.002361	.000348	.004979	.000989	.003203	.000421
33	.021630	.002339	.005379	.001353	.002481	.002842	.002521	.007168	.019992	.005339
34	.007751	.004712	.008150	.003414	.005049	.010816	.007839	.013381	.018627	.008737
35	.004801	.000000	.000000	.000336	.001632	.003334	.001830	.000000	.001049	.000000
36	.040361	.043480	.050509	.030590	.004662	.027624	.029852	.037319	.034100	.025798
37	.714459	.564070	.509227	.812775	.822253	.773472	.596890	.643098	.686824	.709214
38	.235541	.435930	.410773	.137225	.177747	.226523	.403110	.356902	.313176	.290786
39	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

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	21	22	23	24	25	26	27	28	29	30
1	-.030761	.023975	-.034933	.008143	.000393	.000000	.000010	.030210	-.000000	.000000
2	.030710	.000617	.034410	.015739	.132344	.000000	.030223	.030000	.039450	.000303
3	.000300	.000342	.034512	.000000	.000300	.000803	.000000	.000000	.000000	.000000
4	.034474	.016850	.007292	.010361	.000562	.000217	.030226	.000015	.034642	.003403
5	.015024	.003129	.036406	.107010	.000000	.000233	.000000	.000000	.000186	.000000
6	.001233	.000000	.000000	.011360	.000544	.000203	.000018	.000040	.000397	.000382
7	.000396	.018214	.033860	.003290	.000389	.000000	.000034	.030155	.000175	.001830
8	.000423	.001704	.001363	.000380	.000590	.004521	.007964	.030050	.000946	.014823
9	.030616	.009353	.007330	.000003	.000000	.000000	.000000	.030000	.000000	.000439
10	.056246	.001792	.000000	.001103	.000021	.030300	.030000	.030000	.030343	.000588
11	.016483	.020271	.249595	.007521	.002260	.030300	.000000	.030000	.000905	.001944
12	.033380	.004823	.011873	.019276	.029613	.019276	.000939	.001165	.084398	.004615
13	.002816	.012612	.007372	.090597	.001516	.000173	.000000	.000000	.000143	.000000
14	-.004236	-.005213	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
15	.103482	.053116	.023719	.072843	.000000	.000000	.000000	.000000	.000009	.000000
16	.016777	.048154	.022561	.002403	.000000	.000000	.000000	.000000	.000000	.000000
17	.019285	.004062	.006534	.083221	.000857	.003643	.000039	.000000	.001882	.000146
18	.099565	.034632	.003858	.032116	.004233	.000112	.000113	.030005	.031440	.000392
19	.029675	.007315	.000753	.050917	.045178	.000000	.000000	.000000	.000145	.003681
20	.077363	.000000	.030000	.030000	.000000	.030000	.030000	.000000	.000000	.000000
21	.113703	.000019	.000196	.009717	.001789	.012792	.030263	.030060	.078612	.003064
22	.004456	.127111	.000000	.002355	.002462	.000000	.000000	.000000	.000381	.000111
23	.006813	.011888	.034130	.008790	.000000	.000000	.000000	.000000	.000059	.000624
24	.003013	.003351	.002220	.000957	.038629	.010660	.051731	.050340	.007723	.007772
25	.010181	.009488	.010058	.002776	.012366	.008909	.004475	.034245	.015894	.009006
26	.036119	.038058	.046564	.049659	.005025	.018888	.000425	.000295	.010630	.002354
27	.008356	.012965	.013159	.009240	.009663	.045171	.021360	.016268	.015951	.007411
28	.001407	.004744	.006360	.032531	.005142	.022647	.017634	.030000	.010149	.006752
29	.014903	.017329	.018854	.037542	.031875	.026605	.006729	.030045	.052527	.022309
30	.003266	.007246	.015213	.008157	.003975	.013172	.013389	.000345	.008954	.003781
31	.000000	.000000	.000000	.000000	.000000	.000000	.030000	.000000	.000000	.000000
32	.000592	.004762	.000698	.004265	.001640	.000550	.002303	.030110	.000317	.000474
33	.005390	.042853	.012406	.004747	.010667	.022444	.011941	.031910	.008157	.002229
34	.007667	.011618	.008743	.004971	.006323	.017509	.008208	.000000	.008695	.001655
35	.000000	.000469	.018283	.000000	.000595	.017076	.000000	.000000	.000000	.000000
36	.023643	.045601	.051556	.018680	.015224	.015992	.020669	.000160	.039543	.083338
37	.633673	.593449	.695357	.681103	.363784	.261667	.168640	.075918	.363656	.183425
38	.316327	.406551	.304643	.318897	.636210	.738333	.831360	.924082	.636344	.816575
39	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

34	.007667	.011618	.008743	.004971	.006323	.017509	.008208	.000000	.005137	.002229
35	.000000	.000469	.018283	.000000	.000595	.017076	.000000	.000000	.008695	.001655
36	.023643	.045601	.051556	.018689	.015224	.015992	.020669	.000160	.039543	.083338
37	.633673	.593449	.695357	.631103	.363784	.261667	.168640	.075918	.363656	.183425
38	.316327	.406551	.304643	.318897	.636216	.738333	.831360	.924082	.636344	.816575
39	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

*** IO 1958 (58705/04)

DATE : 5/ 4/1958 PAGE = 5

	31	32	33	34	35	36
1	.000000	.006717	.034713	.000000	.002922	.021648
2	.000000	.003083	.001574	.000000	.000000	.003236
3	.000000	.012091	.133311	.000000	.000000	.034377
4	.000000	.001017	.002526	.005083	.001215	.078372
5	.000000	.000223	.003300	.004043	.249003	.018273
6	.000000	.003368	.002433	.111640	.000000	.008931
7	.000000	.004334	.001314	.129622	.432740	.034356
8	.000000	.016949	.048731	.329314	.000000	.001570
9	.000000	.000000	.000086	.000000	.000000	.006045
10	.000000	.003193	.000960	.000000	.000000	.014043
11	.000000	.051309	.013944	.002330	.000000	.071130
12	.000000	.005454	.008173	.000000	.000000	.034611
13	.000000	.001433	.002541	.006211	.000000	.021335
14	.000000	.000000	.000000	.000000	.000000	.005619
15	.000000	.000000	.000000	.000000	.007773	.123061
16	.000000	.000898	.000000	.000000	.000000	.004136
17	.000000	.001281	.003962	.001249	.002153	.014618
18	.000000	.001040	.002004	.016829	.000000	.025457
19	.000000	.001200	.004021	.000000	.000000	.073366
20	.000000	.000000	.000000	.000000	.000000	.000000
21	.000000	.002116	.000980	.000000	.000000	.040164
22	.000000	.011118	.009949	.042659	.000000	.005451
23	.000000	.008505	.007762	.047741	.030720	.005288
24	.000000	.013870	.009086	.000000	.000000	.016861
25	.000000	.015322	.021413	.000000	.000000	.010275
26	.000000	.028409	.016623	.224955	.120710	.030146
27	.000000	.014014	.010555	.000000	.000000	.061490
28	.000000	.005510	.020488	.000000	.000000	.000007
29	.000000	.020353	.010834	.011249	.042747	.056354
30	.000000	.016943	.011476	.000000	.000000	.018795
31	.000000	.000000	.000000	.000000	.000000	.000000
32	.000000	.003784	.002482	.000000	.000000	-.000273
33	.000000	.004571	.063434	.000000	.000000	.004318
34	.000000	.000979	.005661	.000000	.000000	-.000578
35	.000000	.000115	.000004	.000000	.000000	.001440
36	.000000	.000000	.036152	.066074	.000000	.000000
37	.000000	.259714	.490995	1.000000	1.000000	.843925
38	1.000000	.740286	.509005	.000000	.000000	.156075
39	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

7-4 Input coefficients, 1965

A(I,J) / X(I) PRINT

*** IO 1965 (33/05/04)

DATE : 5/ 4/1983 PAGE = 5

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	1	2	3	4	5	6	7	8	9	10
1	.113360	.014254	.426774	.134588	.511900	.001576	.034283	.000000	.013216	.083451
2	.000045	.007793	.000512	.000372	.000310	.000011	.007591	.000000	.000000	.002813
3	.003389	.000000	.120932	.002473	.002224	.000000	.001288	.000316	.266608	.000000
4	.011185	.002394	.000555	.375437	.002300	.041356	.004114	.006580	.079785	.133155
5	.001285	.002289	.004145	.006763	.124133	.176793	.032705	.000398	.000322	.000003
6	.000024	.000000	.000002	.000000	.000000	.006078	.000000	.000000	.000000	.000000
7	.001556	.000002	.010505	.001052	.004516	.013075	.404930	.240021	.000975	.011283
8	.000050	.002638	.002613	.001998	.000449	.001612	.054151	.044544	.001707	.001829
9	.000003	.000000	.000000	.007395	.000000	.000148	.000017	.000441	.156469	.000000
10	.000511	.002541	.000207	.003167	.000163	.004162	.000407	.001013	.015001	.057779
11	.044723	.016642	.033896	.111157	.020208	.039179	.027364	.027689	.016796	.148852
12	.014769	.065353	.004927	.003467	.005382	.005592	.010002	.000302	.002427	.010562
13	.001727	.000161	.000000	.000000	.000555	.006566	.000761	.000018	.000371	.004437
14	.000000	.000329	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
15	.000033	.007816	.000000	.000556	.001239	.042659	.000000	.000000	.000000	.005333
16	.000005	.000000	.000761	.000051	.000577	.008776	.000000	.005104	.000000	.000000
17	.002077	.008179	.010552	.004119	.004497	.081450	.001487	.000219	.031836	.018367
18	.005556	.015319	.002762	.004275	.004673	.003188	.003704	.006328	.000732	.009524
19	.000252	.010650	.000204	.001169	.000075	.000000	.000000	.002445	.000373	.000000
20	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
21	.005010	.015166	.001093	.000497	.002293	.000472	.000258	.000421	.005062	.001324
22	.000113	.000000	.000001	.000000	.000000	.000000	.000000	.002096	.000000	.000000
23	.002545	.000938	.004646	.002724	.001330	.027895	.000000	.006435	.041141	.020662
24	.005493	.012199	.002013	.001382	.001935	.005388	.001853	.003554	.007603	.001819
25	.001874	.044935	.006232	.010239	.008295	.010467	.036801	.006810	.005633	.017964
26	.016488	.018746	.036644	.044739	.039589	.076429	.026695	.033567	.058122	.040095
27	.014325	.016485	.004363	.013610	.010945	.015757	.023967	.013449	.015382	.017619
28	.000623	.002057	.000310	.002128	.001294	.011246	.002941	.002443	.000868	.002340
29	.013390	.016201	.018799	.019513	.020377	.022433	.027320	.025562	.011500	.017551
30	.000333	.009070	.001262	.004321	.001743	.005447	.004399	.019452	.003180	.005110
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.000120	.001703	.000471	.001229	.000779	.001515	.003320	.010040	.000390	.005615
33	.001331	.007376	.009587	.005971	.003374	.014424	.005398	.007202	.004750	.011736
34	.000316	.019966	.001537	.007017	.001877	.007321	.009545	.007485	.000449	.003356
35	.000181	.000000	.000095	.011370	.001043	.000079	.007818	.003690	.000975	.007960
36	.018005	.004996	.024670	.004490	.000365	.003144	.005532	.013755	.014123	.013025
37	.341723	.328404	.742322	.752281	.730262	.634741	.738650	.496583	.756313	.653574
38	.658077	.671596	.257670	.247719	.219733	.365259	.261350	.503417	.243687	.346426
39	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

*** IO 1965 (33/05/04)

DATE : 5/ 4/1983 PAGE = 5

11 12 13 14 15 16 17 18 19 20

30	.000533	.009070	.001262	.004321	.001743	.005447	.004399	.019452	.003180	.005110
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.000120	.001703	.000471	.001227	.000777	.001515	.003320	.010040	.000390	.005615
33	.001331	.007370	.009187	.005971	.003374	.014424	.005398	.007202	.004750	.011736
34	.000316	.019966	.001537	.007017	.001877	.007321	.009545	.007485	.000449	.003356
35	.000181	.000000	.000093	.011370	.001043	.000079	.007818	.003690	.000975	.007960
36	.018005	.004996	.024670	.004490	.000365	.003144	.005532	.018755	.014123	.013025
37	.341923	.328404	.742322	.752281	.730262	.634741	.738650	.496583	.756313	.653574
38	.658077	.671590	.257077	.247717	.219733	.365259	.261350	.503417	.243687	.346426
39	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

*** 10 1965 (38/03/04)

DATE : 07/4/1968 PAGE = 5

	11	12	13	14	15	16	17	18	19	20
1	.043334	.033649	.001320	.000140	.000075	.000074	.000097	.000000	.000264	.000000
2	.021040	.393039	.090582	.135101	.001314	.209432	.000364	.000513	.000349	.000041
3	.013026	.000239	.000410	.000000	.000005	.000004	.000000	.000000	.000000	.000000
4	.001369	.000145	.005110	.000124	.000341	.000377	.002600	.002464	.003740	.001443
5	.000663	.001521	.007335	.000000	.002397	.002536	.004259	.002703	.001457	.001708
6	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.003537	.007242	.000179
7	.038662	.002243	.022975	.000000	.000000	.000003	.001460	.001190	.008156	.001622
8	.000724	.000163	.002609	.000415	.000271	.000557	.001710	.001193	.001323	.000802
9	.000093	.000000	.000000	.000000	.000000	.000000	.000033	.000003	.000113	.000085
10	.001037	.000036	.000010	.000373	.000787	.000247	.004083	.006466	.003364	.047623
11	.290961	.007521	.016679	.007190	.006432	.005098	.010213	.006162	.017180	.005887
12	.038591	.023912	.051224	.099384	.015273	.014653	.010200	.005721	.007336	.002887
13	.004923	.000340	.096064	.015267	.001743	.006637	.005027	.004113	.012586	.010927
14	.000016	.000000	.000099	.430727	.385224	.000058	.002556	.005214	.002412	.007448
15	.000000	.000000	.015009	.000000	.275241	.000000	.219329	.125297	.060480	.092744
16	.006310	.000086	.002936	.008124	.008127	.380216	.044844	.022511	.102586	.035582
17	.007352	.004055	.003493	.000024	.001931	.002273	.057623	.021156	.012415	.012850
18	.008027	.005353	.015267	.006076	.011744	.006910	.003205	.197499	.018290	.081445
19	.005233	.002649	.002189	.002279	.002080	.004848	.001331	.051267	.219453	.027796
20	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000960	.000000	.273103
21	.001072	.000312	.003264	.002044	.001386	.001157	.001844	.001674	.000971	.000499
22	.000005	.000000	.000002	.000000	.000000	.000000	.000001	.004636	.003510	.004393
23	.007534	.002234	.000303	.000000	.000009	.000134	.004942	.008277	.024532	.018641
24	.004615	.002093	.005482	.001302	.001735	.002516	.002993	.001959	.002555	.002626
25	.036593	.003733	.039722	.038287	.014281	.043325	.010340	.011453	.007952	.009961
26	.031351	.005590	.033919	.036625	.023721	.028705	.042343	.034681	.035386	.029587
27	.022219	.013710	.007197	.008775	.007197	.018030	.015719	.013273	.021075	.012995
28	.003661	.003261	.003914	.001597	.011331	.000603	.002797	.003564	.003920	.000517
29	.024163	.022435	.041097	.024703	.013177	.030122	.022963	.023918	.018899	.016984
30	.004023	.003036	.004550	.002828	.004531	.002607	.003359	.006972	.007380	.003922
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.005465	.001765	.002911	.001492	.002181	.000527	.003103	.002424	.002166	.000271
33	.024084	.001334	.005404	.001325	.002475	.001906	.002423	.011533	.023905	.007583
34	.007523	.003476	.009772	.001201	.001722	.003557	.011907	.007237	.013046	.008028
35	.002588	.000199	.008638	.000127	.001817	.002717	.002159	.000000	.000922	.000000
36	.021196	.016980	.024704	.005393	.020142	.014435	.017760	.021162	.011911	.004044
37	.678160	.525713	.546203	.831162	.811780	.784771	.514731	.602995	.652559	.709327
38	.321840	.474287	.453795	.118438	.146220	.215229	.435269	.397005	.347441	.290673
39	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

— 06 —

	21	22	23	24	25	26	27	28	29	30
1	-.000963	.015290	.052437	.092417	.000023	.000000	.000004	.000017	.000000	.000000
2	.000322	.000184	.004426	.024069	.070573	.000000	.000029	.000000	.002572	.000121
3	.000000	.000023	.004493	.000000	.000000	.000472	.000000	.000000	.000000	.000000
4	.005569	.013053	.018265	.010013	.000753	.001457	.000280	.000011	.005705	.002710
5	.014373	.001720	.039170	.044357	.000027	.001590	.000000	.000000	.000257	.000000
6	.001677	.000000	.000000	.015173	.000762	.000275	.000031	.000041	.000511	.000422
7	.000470	.035146	.032041	.002513	.000612	.006242	.000038	.000122	.000710	.001352
8	.000355	.001706	.001757	.001083	.000557	.004419	.007593	.000063	.001063	.009593
9	.000730	.007904	.005717	.000000	.000001	.000034	.000000	.000000	.000014	.000332
10	.043216	.001337	.000566	.000679	.000127	.000000	.000000	.000000	.000557	.000111
11	.014903	.015973	.216563	.006371	.003821	.000000	.000000	.000000	.000257	.000000
12	.003890	.005424	.010664	.017745	.059553	.020472	.000895	.001063	.076970	.002606
13	.001897	.010313	.007787	.059635	.000386	.001029	.000000	.000000	.000059	.000000
14	-.003222	-.001580	.000000	-.001236	.000000	.000000	.000000	.000000	.000000	.000000
15	.039453	.041272	.008994	.050703	.000000	.000000	.000000	.000000	.000013	.000000
16	.015772	.033795	.018076	.001470	.000000	.000000	.000000	.000000	.000000	.000000
17	.023284	.003913	.014252	.035104	.000941	.006214	.000030	.000000	.001394	.000000
18	.079481	.031382	.004357	.023263	.003383	.000096	.000066	.000002	.004007	.000332
19	.023282	.008707	.000874	.043229	.025495	.000000	.000000	.000000	.000354	.003800
20	.056213	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
21	.112012	.000920	.000433	.005094	.002287	.020682	.000240	.000065	.101454	.002506
22	.005583	.144334	.000000	.000363	.002007	.000000	.000000	.000002	.000473	.000101
23	.007281	.018910	.033362	.009129	.000000	.000612	.000000	.000000	.000123	.000023
24	.002900	.002520	.001343	.000710	.031952	.008349	.060535	.045603	.006989	.005711
25	.007617	.008775	.010402	.005534	.015415	.011134	.003840	.003362	.014127	.007817
26	.045569	.039741	.052543	.059261	.007689	.019740	.000384	.000303	.009426	.001782
27	.021513	.016272	.015513	.012563	.009322	.061507	.025306	.013185	.016722	.010390
28	.001529	.004482	.004403	.004266	.005783	.025469	.017692	.000000	.010366	.006130
29	.016466	.019050	.020377	.037040	.022213	.037525	.008747	.000059	.068374	.029153
30	.004221	.007002	.008945	.006555	.003219	.015413	.012047	.000302	.009236	.003684
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.000777	.003572	.000592	.000036	.004300	.001112	.002834	.000072	.000833	.000332
33	.005665	.043773	.007967	.004605	.011117	.029754	.012286	.001383	.006773	.001825
34	.004369	.012399	.006039	.007339	.006680	.017263	.007272	.000000	.006853	.001573
35	.000000	.000439	.020925	.000000	.000011	.000905	.000000	.000000	.001481	.000000
36	.008299	.022741	.015517	.018253	.021672	.008057	.013356	.000028	.005034	.003840
37	.615014	.571596	.650826	.631653	.311797	.300323	.174011	.065692	.353213	.096247
38	.334986	.428304	.349174	.368342	.638201	.699677	.825989	.934308	.646782	.903753
39	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

34	.004389	.012399	.008039	.007339	.006680	.017263	.007272	.000000	.006858	.001573
35	.000000	.000439	.020923	.000000	.000011	.000905	.000000	.000000	.001481	.000000
36	.008299	.022741	.015517	.018253	.021672	.008057	.013856	.000028	.005034	.003840
37	.615014	.571696	.650826	.631652	.311799	.300323	.174011	.065692	.353213	.096247
38	.334985	.428304	.349174	.368342	.638201	.699677	.825989	.934308	.646782	.903753
39	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

*** 10 1995 (08/05/94)

DATE : 5/ 4/1985 PAGE = 5

	31	32	33	34	35	36
1	.000000	.005215	.001907	.000000	.002709	.099434
2	.000000	.000759	.000413	.000000	.000000	-.009507
3	.000000	.011555	.129555	.000000	.000000	.030566
4	.000000	.001038	.002666	.006211	.061573	.078842
5	.000000	.000242	.002253	.004772	.253463	.008099
6	.000000	.005000	.002666	.108180	.000000	.058216
7	.000000	.003539	.001361	.111907	.471117	.043287
8	.000000	.014900	.048309	.334420	.000000	.006157
9	.000000	.000000	.000000	.000000	.000000	.001081
10	.000000	.003073	.000126	.000000	.000000	.015405
11	.000000	.075281	.008698	.002638	.000000	.050482
12	.000000	.006181	.009458	.000000	.000000	.034811
13	.000000	.001614	.001971	.003211	.000000	.020653
14	.000000	.000000	.000000	.000000	.000000	.001511
15	.000000	.000000	.000000	.000000	.007908	.027520
16	.000000	.001203	.000000	.000000	.000000	.012839
17	.000000	.001135	.004201	.002387	.002191	.036603
18	.000000	.000900	.001743	.010124	.000000	.039382
19	.000000	.001076	.003585	.000000	.000000	.075756
20	.000000	.000000	.000000	.000000	.000000	.014451
21	.000000	.001859	.001211	.000000	.000000	.014545
22	.000000	.009193	.005642	.074793	.000000	.014083
23	.000000	.009619	.006994	.059794	.031254	.014829
24	.000000	.011703	.006758	.000000	.000000	.000033
25	.000000	.013193	.021106	.000000	.000000	.023131
26	.000000	.030390	.016702	.207270	.107629	.006617
27	.000000	.014933	.017609	.000000	.000000	.068828
28	.000000	.005487	.016040	.000000	.000000	.000010
29	.000000	.016369	.011681	.016563	.042156	.024329
30	.000000	.014366	.013061	.000000	.000000	.029253
31	.000000	.000000	.000000	.000000	.000000	.000000
32	.000000	.002194	.002389	.000000	.000000	.010001
33	.000000	.003227	.003058	.000000	.000000	.019612
34	.000000	.001164	.005165	.000000	.000000	-.000503
35	.000000	.000243	.000093	.000000	.000000	.017729
36	.000000	.009036	.020031	.007929	.000000	.000000
37	.000000	.276477	.446000	1.000000	1.000000	.838583
38	1.000000	.723523	.554000	.000000	.000000	.111417
39	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

7-5 Input coefficients, 1970

A(I,J) / X(I) PRINT

*** ID 1970 (38/05/04)

DATE : 5/ 4/1983 PAGE = 5

	1	2	3	4	5	6	7	8	9	10
1	.128357	.003933	.371512	.073361	.449981	.000123	.017657	.000000	.007493	.061519
2	.000337	.004033	.000361	.000115	.000311	.000000	.004448	.000000	.000000	.000339
3	.078062	.000000	.126162	.001419	.001844	.000000	.000781	.000007	.224174	.000000
4	.008723	.002256	.000670	.354485	.002133	.030833	.002893	.006218	.033692	.089791
5	.001861	.001791	.002512	.000621	.123114	.263722	.046717	.000218	.000317	.000004
6	.000001	.000000	.000002	.000000	.000000	.010838	.000000	.000000	.000000	.000000
7	.005083	.000000	.004677	.001163	.005223	.009160	.400898	.204049	.001098	.006555
8	.000160	.001751	.002410	.001979	.000455	.001614	.054248	.113525	.001742	.001728
9	.000003	.000000	.000000	.006550	.000000	.000122	.000013	.000319	.145239	.000000
10	.000573	.003048	.000135	.003337	.000103	.003136	.000264	.000604	.005280	.058626
11	.039007	.009777	.033945	.117707	.018863	.018881	.025363	.022514	.015154	.197166
12	.015512	.106192	.005216	.004287	.005316	.004643	.011122	.001231	.007535	.008745
13	.002403	.000057	.011522	.000000	.000544	.005112	.000700	.000023	.000507	.004673
14	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
15	.000215	.005942	.000000	.000552	.001963	.047900	.000000	.000000	.000000	.007093
16	.000000	.000000	.001133	.000119	.000533	.004415	.000237	.004952	.000000	.000000
17	.002326	.015065	.009232	.004719	.004836	.050963	.001409	.000078	.025794	.017684
18	.005963	.015341	.002542	.003844	.004263	.003713	.003775	.003265	.000686	.007224
19	.000057	.007356	.000048	.000984	.000093	.000000	.000000	.002308	.000760	.000000
20	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
21	.004752	.031334	.000615	.000972	.001670	.001040	.001331	.000582	.004689	.001291
22	.000017	.000000	.000002	.000000	.000000	.000000	.000000	.001223	.000000	.000000
23	.003278	.000582	.004977	.004166	.002145	.032414	.000000	.008973	.053626	.045632
24	.007341	.008315	.002432	.001911	.001875	.005506	.002149	.003667	.008237	.002347
25	.001797	.024291	.006174	.009566	.008782	.008588	.029401	.005967	.006706	.014504
26	.014716	.023784	.038578	.041323	.031274	.077350	.027378	.034511	.057471	.040548
27	.015240	.012638	.007451	.018528	.010434	.007810	.016737	.014200	.007044	.027854
28	.000700	.004335	.001938	.001178	.000876	.002289	.003902	.002281	.002229	.002229
29	.011525	.018466	.016999	.014741	.024164	.012623	.019353	.020605	.009045	.018096
30	.000450	.004887	.003034	.004495	.003982	.006747	.003150	.002566	.003195	.001310
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.000043	.000317	.000779	.000979	.000271	.000883	.000919	.000915	.000935	.000744
33	.000129	.004185	.016876	.006151	.006190	.011381	.005159	.021566	.005703	.004554
34	.002409	.007927	.001993	.005347	.001533	.009220	.009042	.008976	.000444	.002500
35	.001265	.000033	.005051	.014322	.001283	.010216	.007706	.002389	.002022	.007314
36	.012796	.022779	.018050	.026522	.014932	.028416	.033350	.025383	.040663	.006535
37	.365116	.341413	.717937	.725949	.728400	.667653	.729166	.514744	.721539	.636606
38	.634384	.658582	.282063	.274051	.271500	.332324	.270334	.435253	.278461	.363394
39	1.000000	1.000000	1.000000	1.000000	1.000000	.999982	1.000000	1.000003	1.000000	1.000000

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30	.000450	.004887	.003034	.004495	.003582	.006747	.003150	.002566	.003195	.001310
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.000043	.000317	.000779	.000779	.000271	.000883	.000919	.000915	.000935	.000744
33	.000129	.004185	.016876	.006151	.006190	.011381	.005159	.021566	.005703	.004554
34	.002409	.007927	.001993	.005847	.001533	.007220	.009042	.008976	.000444	.002500
35	.001265	.000033	.005051	.014322	.001283	.010216	.007706	.002389	.002022	.007314
36	.012796	.022779	.018050	.026522	.014932	.028410	.033350	.025383	.040663	.006535
37	.305115	.341410	.717937	.725949	.728400	.667553	.729166	.514744	.721539	.636606
38	.634884	.658582	.282063	.274051	.271600	.332324	.270334	.435253	.278461	.363394
39	1.000000	1.000000	1.000000	1.000000	1.000000	.999982	1.000000	1.000000	1.000000	1.000000

*** 10 1970 (30/05/04)

DATE : 07/4/1988 PAGE = 5

	11	12	13	14	15	16	17	18	19	20
1	.000994	.002443	.000179	.000157	.000007	.000010	.000050	.000000	.000031	.000000
2	.011514	.420322	.142931	.124861	.001761	.202034	.000117	.000463	.000241	.000007
3	.010126	.000099	.000204	.000000	.000004	.000042	.000000	.000000	.000000	.000000
4	.001267	.000189	.003500	.000152	.000402	.000400	.002499	.000944	.002589	.001593
5	.000508	.000209	.006273	.000000	.002098	.002609	.003729	.000744	.000514	.001606
6	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.001183	.009305	.000179
7	.024153	.001065	.019565	.000000	.000000	.000003	.002395	.001063	.006322	.001569
8	.000331	.000134	.002998	.000437	.000270	.000563	.001723	.001155	.001287	.000825
9	.000157	.000000	.000000	.000000	.000000	.000000	.000029	.000312	.000198	.000057
10	.001040	.000109	.000017	.000277	.000553	.000121	.002597	.006710	.002136	.003179
11	.237673	.007080	.014590	.006397	.004750	.003651	.006748	.003913	.013058	.005127
12	.044915	.032706	.036546	.115302	.013633	.012054	.010685	.005814	.004995	.002666
13	.005091	.000672	.107823	.001663	.008205	.007551	.003118	.012449	.008970	.008750
14	.000000	.000000	.000056	.469718	.341230	.000060	.004739	.003385	.002442	.006961
15	.000018	.000000	.018939	.000000	.275103	.000000	.270942	.135666	.045561	.094322
16	.005226	.000064	.002194	.008663	.334463	.004384	.023204	.009825	.008225	.003273
17	.006459	.003706	.002276	.000021	.001322	.001698	.006266	.015552	.010994	.018521
18	.009116	.005520	.016539	.003472	.011979	.008148	.003021	.229679	.017301	.085983
19	.005964	.002951	.001881	.002394	.002090	.004470	.002793	.056370	.253312	.035947
20	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.013504	.000000	.255264
21	.001073	.000712	.002722	.000248	.000727	.000977	.001364	.003854	.000705	.000500
22	.000005	.000000	.000002	.000000	.000000	.000000	.000000	.005778	.002936	.006895
23	.010725	.002373	.000443	.000000	.000005	.0000316	.004696	.006053	.023222	.018641
24	.004306	.002302	.005092	.001715	.001507	.001751	.003043	.001538	.002340	.001392
25	.031929	.006406	.029668	.033489	.012392	.037583	.009041	.006451	.006928	.009532
26	.026746	.010600	.045083	.032773	.021250	.024003	.044201	.055149	.043507	.036538
27	.026037	.017218	.025031	.006346	.006339	.021152	.014051	.015860	.018615	.010822
28	.004730	.003367	.004745	.001416	.001397	.002240	.003106	.001932	.003341	.001388
29	.018334	.015555	.045234	.022842	.008103	.016568	.014446	.012622	.009033	.009092
30	.006434	.003860	.005550	.003028	.003524	.004052	.005376	.003002	.008153	.003497
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.002145	.000907	.001175	.000996	.001016	.000947	.001064	.001164	.000987	.001129
33	.021719	.003925	.005658	.001341	.002482	.003946	.005108	.011981	.026177	.006338
34	.006967	.003413	.008887	.000792	.001621	.003842	.003029	.007939	.012472	.003965
35	.004007	.000435	.014203	.000149	.001682	.003090	.003903	.000661	.002972	.000000
36	.034505	.038049	.023647	.011601	.032980	.028215	.024262	.007027	.015289	.001325
37	.645655	.572103	.593487	.864203	.759388	.777211	.561806	.637030	.646113	.684187
38	.354345	.427697	.406513	.135797	.240612	.222789	.438194	.352970	.353387	.315813
39	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

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	21	22	23	24	25	26	27	28	29	30
1	.000000	.006999	.014152	.001456	.000000	.000000	.000000	.000000	.000000	.000000
2	.000119	.000060	.001647	.021559	.061161	.000000	.000000	.000000	.000000	.000025
3	.000000	.000020	.001538	.000000	.000000	.000283	.000000	.000000	.000000	.000000
4	.003383	.007673	.018053	.008399	.001050	.002823	.000303	.000023	.006043	.004322
5	.008174	.000854	.036339	.077455	.000035	.003269	.000000	.000000	.000158	.000000
6	.001734	.000000	.000000	.015564	.000820	.000346	.000363	.000054	.000595	.000950
7	.000381	.023039	.021215	.002668	.000871	.009204	.000590	.000000	.001023	.003742
8	.000674	.001773	.001684	.001066	.000637	.004332	.005631	.000082	.001583	.010457
9	.000604	.011341	.003678	.000000	.000002	.000044	.000000	.000000	.000012	.000285
10	.042813	.001364	.000428	.000199	.000190	.000000	.000000	.000000	.000345	.000987
11	.013853	.011449	.234285	.005680	.003430	.000000	.000000	.000000	.000312	.000000
12	.003682	.004458	.008036	.016157	.096119	.017235	.000867	.001406	.054702	.002926
13	.002127	.010475	.006669	.095913	.000607	.000961	.000000	.000000	.000064	.000000
14	.002734	.001325	.000000	.000148	.000000	.000000	.000000	.000000	.000000	.000000
15	.039769	.054482	.008456	.045689	.000029	.000000	.000000	.000000	.000021	.000000
16	.013545	.044132	.014141	.000518	.000061	.000000	.000000	.000000	.000000	.000000
17	.016506	.003442	.005881	.096791	.000655	.010528	.000000	.000000	.001459	.000000
18	.078405	.037035	.004234	.023083	.004083	.000109	.000770	.000000	.000372	.000452
19	.029420	.010357	.001211	.035718	.021226	.000000	.000384	.000000	.000628	.005820
20	.073173	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
21	.070335	.000739	.001309	.006301	.004345	.020932	.000437	.000327	.074963	.001542
22	.004896	.169404	.000000	.000632	.001981	.002593	.000000	.000002	.000074	.001555
23	.008551	.020131	.075867	.011506	.000412	.000649	.002779	.002337	.000283	.003232
24	.003451	.002678	.001252	.001389	.031092	.006038	.064882	.056138	.008752	.006689
25	.005132	.008820	.010019	.004757	.014609	.011503	.003524	.005669	.013369	.008788
26	.058382	.054830	.046679	.059614	.005186	.019747	.001944	.000582	.007721	.005388
27	.031570	.014813	.011223	.011470	.016623	.063201	.008217	.017348	.030309	.008556
28	.001524	.002154	.002602	.003356	.006380	.031744	.014877	.000000	.009274	.001007
29	.010017	.012310	.014005	.028520	.013955	.020201	.003346	.000543	.005200	.024765
30	.002710	.004867	.007649	.005312	.003870	.018185	.009814	.000000	.005872	.002216
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.001419	.001402	.000991	.001044	.002209	.000475	.000565	.001003	.000974	.000932
33	.006663	.028312	.008745	.017930	.012135	.026866	.023982	.004095	.011316	.009496
34	.003631	.011240	.008307	.004689	.004312	.008880	.003099	.000000	.004749	.002139
35	.000000	.003187	.026672	.000000	.000000	.001852	.000000	.000000	.000060	.000000
36	.018341	.015940	.045352	.017803	.026507	.003179	.023064	.000000	.012204	.036510
37	.622759	.577560	.642318	.622090	.335092	.285183	.169444	.089613	.334393	.142779
38	.377241	.422440	.357682	.377910	.664903	.714817	.830556	.910387	.665607	.857221
39	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

34	.003631	.011240	.008307	.004689	.004312	.008880	.003099	.000000	.004749	.002139
35	.000000	.003187	.026672	.000000	.000000	.001852	.000000	.000000	.000060	.000000
36	.018341	.015040	.045352	.017803	.026507	.003179	.023064	.000000	.012204	.036510
37	.622759	.577560	.642318	.622090	.335092	.285183	.169444	.089613	.334393	.142779
38	.377241	.422440	.357682	.377910	.664903	.714817	.830556	.910387	.665607	.857221
39	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

*** 10 1970 (S8/02/04)

DATE : 5/ 4/1983 PAGE = 5

	31	32	33	34	35	36
1	.000000	.005213	.022554	.000000	.000000	.013527
2	.000000	.000145	.000093	.000000	.000000	.012303
3	.000000	.012213	.109653	.000000	.000000	.002032
4	.000000	.001620	.002776	.006109	.023070	.049640
5	.000000	.000764	.001035	.002405	.018413	.007213
6	.000000	.006293	.003221	.129237	.000000	.006342
7	.000000	.001995	.004209	.132635	.572383	.023562
8	.000000	.014254	.046559	.321097	.000000	.016411
9	.000000	.000000	.000000	.000000	.000000	.001460
10	.000000	.000591	.000694	.000000	.000000	.004789
11	.000000	.107586	.007263	.005020	.000000	.009254
12	.000000	.005634	.008886	.000000	.000000	.009104
13	.000000	.003026	.001471	.003515	.000000	.010933
14	.000000	.000000	.000000	.000000	.000000	.000000
15	.000000	.000000	.000000	.000000	.003349	.030977
16	.000000	.001386	.000000	.000000	.000000	.005617
17	.000000	.000944	.002376	.002385	.000777	.014312
18	.000000	.002167	.004931	.010373	.000000	.006530
19	.000000	.000766	.005135	.000000	.000000	.005304
20	.000000	.000000	.000000	.000000	.000000	.000000
21	.000000	.002604	.002039	.000000	.000000	.003527
22	.000000	.005742	.003699	.045341	.000000	.003617
23	.000000	.003945	.005193	.074295	.156623	.019944
24	.000000	.010275	.008113	.000000	.000000	.002765
25	.000000	.013426	.015909	.000000	.000000	.008686
26	.000000	.045536	.047106	.210625	.094473	.138523
27	.000000	.009219	.010618	.000000	.000000	.071720
28	.000000	.004199	.011474	.000000	.000000	.000000
29	.000000	.009682	.010213	.015453	.033380	.027747
30	.000000	.003081	.010014	.000000	.000000	.003613
31	.000000	.000000	.000000	.000000	.000000	.000000
32	.000000	.000975	.000916	.000000	.000000	.001384
33	.000000	.007367	.054490	.000000	.000000	.028213
34	.000000	.001172	.007107	.000000	.000000	.000000
35	.000000	.000000	.000013	.000000	.000000	.000056
36	.000000	.039510	.046788	.040610	.026523	.000000
37	.000000	.322038	.454393	1.000000	1.000000	.540215
38	1.000000	.677962	.545107	.000000	.000000	.459785
39	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

7-6 Input coefficients, 1975

A(I,J) / X(I) PRINT

*** IO 1975 (38/05/04)

DATE : 5/ 4/1983 PAGE = 5

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	1	2	3	4	5	6	7	8	9	10
1	.106384	.002745	.410579	.053173	.425270	.000105	.007441	.000000	.011517	.035900
2	.000007	.002335	.000147	.000024	.000012	.000000	.003696	.000000	.000000	.000287
3	.002505	.000000	.141346	.001300	.000522	.000000	.001025	.000000	.194064	.000000
4	.007330	.001951	.000563	.337324	.002367	.021266	.001219	.004323	.061303	.062838
5	.001064	.001423	.002204	.000747	.110713	.173479	.061820	.000192	.000190	.000000
6	.000194	.000573	.000477	.000580	.000486	.033420	.000461	.001009	.000000	.000515
7	.006445	.000000	.008157	.001378	.007924	.012346	.376187	.181110	.001071	.005561
8	.000362	.002125	.002164	.004073	.001565	.002722	.063951	.146458	.002012	.002106
9	.000001	.000000	.000000	.003638	.000000	.000078	.000014	.000313	.133749	.000000
10	.000491	.001988	.000162	.003512	.000080	.003375	.000264	.000431	.005842	.064380
11	.041323	.008129	.009665	.070560	.017749	.025461	.022627	.024066	.012714	.172097
12	.018953	.033219	.005207	.002397	.000823	.001969	.009364	.000110	.000684	.011199
13	.002352	.000040	.010530	.000000	.000542	.007012	.000664	.000022	.000482	.006380
14	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
15	.000168	.004545	.000017	.000387	.000972	.024293	.000000	.000000	.000000	.003853
16	.000000	.000509	.000054	.000111	.000521	.002969	.000058	.003476	.000000	.000000
17	.003313	.015207	.012438	.005491	.006706	.047148	.001417	.000084	.020475	.012317
18	.008386	.009669	.003855	.003843	.003732	.003275	.003249	.003001	.000687	.005994
19	.000183	.005299	.000044	.000037	.000075	.001322	.000000	.001739	.000625	.000000
20	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
21	.005614	.000104	.000015	.000000	.000000	.000000	.000001	.000001	.000000	.000000
22	.000026	.000033	.000019	.000097	.000053	.000064	.000081	.000146	.000015	.000029
23	.004752	.000480	.006637	.005132	.004542	.036624	.000000	.009062	.066776	.047807
24	.001613	.001735	.000702	.001407	.000350	.001070	.000714	.000672	.001503	.000421
25	.002555	.023376	.006485	.009953	.011737	.009176	.037262	.007421	.006988	.013174
26	.022522	.020532	.048176	.044636	.054166	.082403	.028214	.040011	.065455	.045101
27	.021229	.041134	.009378	.048351	.014345	.017941	.036949	.023560	.005634	.041441
28	.004459	.006995	.002551	.002152	.002367	.007153	.004040	.004832	.003086	.002896
29	.026361	.235300	.021095	.021150	.042232	.025149	.020727	.024483	.019713	.029133
30	.000729	.004133	.001627	.003322	.005568	.006117	.002037	.002386	.002667	.001242
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.000186	.001700	.001346	.002170	.000529	.001183	.002060	.001664	.001574	.011224
33	.000247	.005011	.011008	.009317	.008994	.014838	.009140	.036762	.006306	.006970
34	.000387	.001292	.000585	.003477	.001924	.002119	.002732	.002533	.000491	.000939
35	.001616	.000058	.014976	.026231	.001687	.010926	.009827	.002914	.003036	.009628
36	.005465	.028384	.022547	.019527	.011555	.035804	.023245	.003605	.025680	.015435
37	.337433	.462137	.756460	.700186	.740518	.610814	.730486	.526390	.654340	.608872
38	.612567	.537363	.243540	.299914	.259482	.389186	.269514	.473610	.345660	.391128
39	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

*** IO 1975 (38/05/04)

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30	.000729	.004133	.001627	.003322	.005568	.006117	.000727	.024485	.019715	.029153
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.000185	.001700	.001545	.002170	.000629	.001188	.002060	.001664	.001574	.001224
33	.000247	.005011	.011008	.009317	.008994	.014838	.009140	.036762	.006306	.006970
34	.000387	.001292	.000583	.003477	.001924	.002119	.002732	.002533	.000491	.000939
35	.001615	.000058	.014975	.026231	.001687	.010926	.009827	.002914	.003036	.009628
36	.005465	.026884	.022347	.019527	.011555	.035804	.023245	.003605	.025680	.015435
37	.337433	.452137	.756460	.700185	.740518	.610814	.730486	.526390	.654340	.608872
38	.612567	.537363	.243540	.299914	.259482	.389186	.269514	.473610	.345660	.391128
39	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

*** ID 1975 (38/05/04)

DATE : 5/ 4/1988 PAGE = 5

	11	12	13	14	15	16	17	18	19	20
1	.002727	.000791	.000181	.000000	.000000	.000340	.000039	.000000	.000000	.000000
2	.008359	.670809	.140763	.098098	.001359	.161618	.000085	.000413	.000000	.000000
3	.012271	.000149	.000232	.000000	.000004	.000003	.000000	.000000	.000000	.000000
4	.001030	.000163	.002908	.000165	.000442	.001933	.002360	.000975	.002035	.001765
5	.000405	.000000	.002965	.000000	.001391	.002075	.002835	.000674	.000576	.000462
6	.000587	.000111	.001571	.000100	.000153	.000238	.001115	.001512	.012976	.000609
7	.023032	.000039	.015058	.000000	.000000	.001962	.002094	.000922	.005921	.001095
8	.002467	.000572	.004460	.000692	.000636	.001204	.002563	.002325	.003787	.001826
9	.000275	.000000	.000000	.000000	.000000	.000000	.000032	.000230	.000174	.000089
10	.000854	.000047	.000034	.000373	.000693	.000085	.002273	.005302	.002435	.031860
11	.330594	.005374	.014583	.006355	.004643	.017203	.006427	.003378	.010890	.009206
12	.070385	.054828	.059773	.178467	.029489	.009801	.012124	.003303	.003959	.001947
13	.006103	.000803	.106325	.017046	.001104	.009264	.005915	.003422	.012022	.009401
14	.000000	.000000	-.000041	.442484	.386356	.000045	-.001011	-.003405	-.003217	-.006991
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16	.004892	.000040	.001690	.007458	.009377	.341275	.059507	.016675	.059889	.028126
17	.004416	.004145	.001909	.000016	.000865	.001499	.044809	.013856	.012857	.010847
18	.005994	.003722	.0016755	.002666	.008360	.006767	.002843	.262547	.024151	.083895
19	.005033	.002553	.002570	.001352	.002022	.004367	.000675	.049586	.223546	.040649
20	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000814	.000000	.223830
21	.000007	.000007	.000055	.000139	.000109	.000003	.000000	.000000	.000001	.000001
22	.000090	.000019	.000093	.000014	.000024	.000032	.000039	.005086	.002253	.004771
23	.011386	.002990	.000323	.000000	.000005	.000280	.001785	.005261	.029004	.018068
24	.001778	.001021	.002495	.001462	.001296	.001672	.000819	.000417	.000654	.000893
25	.036382	.005416	.040358	.046249	.019051	.059376	.016300	.007325	.008740	.009919
26	.032103	.006975	.043068	.021270	.016141	.024760	.040467	.048591	.039862	.039812
27	.034641	.022695	.028341	.015651	.017045	.039060	.016979	.019200	.023392	.031394
28	.007206	.003262	.006594	.001672	.002519	.003628	.005512	.002247	.006115	.001274
29	.022191	.015626	.066709	.018503	.014731	.020371	.027278	.016935	.012702	.012176
30	.005881	.003736	.004605	.002259	.002643	.003491	.005349	.002873	.008574	.002557
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32	.015957	.001799	.004019	.001413	.002473	.003106	.004898	.011674	.012584	.010172
33	.024785	.003166	.007642	.001932	.003606	.005234	.006429	.015600	.032892	.009831
34	.002935	.000650	.002997	.000468	.000705	.001430	.001303	.002831	.005198	.001906
35	.005237	.000227	.0013987	.000212	.002910	.005998	.005665	.001098	.004944	.000000
36	.021898	.012479	.011487	.006253	.020682	.015505	.023192	.016010	.015113	.000620
37	.701927	.824221	.621947	.873369	.775013	.745125	.526891	.623240	.615060	.674064
38	.298073	.175779	.378053	.126631	.224987	.254375	.473109	.376760	.384940	.325936
39	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

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	21	22	23	24	25	26	27	28	29	30
1	.000000	.000000	.007752	.001092	.000000	.000000	.000000	.000000	.000017	.000000
2	.000016	.000000	.000920	.019340	.124577	.000000	.000001	.000000	.000011	.000001
3	.000000	.000000	.001691	.000000	.000000	.000596	.000000	.000000	.000067	.000000
4	.003717	.005130	.012754	.008467	.000959	.002823	.000329	.000016	.003509	.004143
5	.002661	.000959	.034011	.055640	.000033	.001561	.000000	.000000	.000063	.000000
6	.001636	.000423	.001766	.018079	.001549	.001302	.001121	.000056	.000632	.003040
7	.000166	.001445	.022683	.002406	.000230	.008845	.000407	.000000	.000691	.001362
8	.001427	.003791	.002713	.001131	.002393	.003617	.006759	.000083	.001305	.001381
9	.000104	.012737	.004525	.000000	.000101	.000043	.000000	.000000	.000003	.000004
10	.039727	.002086	.000425	.000170	.000263	.000000	.000000	.000000	.000264	.000276
11	.017047	.002716	.186302	.005629	.004113	.000000	.000000	.000001	.000261	.002524
12	.002355	.002190	.006643	.006497	.164142	.003342	.000197	.000263	.188817	.001056
13	.003012	.008837	.007788	.085010	.000892	.000893	.000000	.000000	.000031	.000000
14	.002264	.002032	.000000	.000213	.000000	.000000	.000000	.000000	.000000	.000000
15	.062626	.040512	.005197	.039050	.000031	.000000	.000000	.000000	.000033	.000000
16	.011579	.042419	.010143	.011988	.002125	.000000	.000000	.000000	.000001	.000000
17	.014002	.001696	.004714	.035613	.000667	.006413	.000000	.000000	.000615	.000017
18	.000756	.031959	.003983	.017032	.002411	.000122	.000854	.000000	.002316	.001008
19	.029255	.010747	.001839	.012936	.012421	.000252	.000388	.000000	.000224	.007080
20	.141905	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
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22	.002353	.167298	.000049	.000360	.001242	.002238	.000059	.000002	.000088	.000096
23	.010776	.020304	.100714	.011887	.000211	.002219	.002412	.001446	.000136	.000393
24	.001102	.001010	.000234	.000248	.023916	.001345	.002193	.416117	.003541	.001523
25	.005534	.007738	.014158	.006824	.019711	.008325	.003455	.003373	.014232	.007222
26	.054517	.040650	.058531	.052561	.008399	.024748	.002956	.000644	.049822	.007507
27	.027898	.033661	.009171	.014320	.044265	.056249	.018202	.006201	.046444	.010512
28	.002343	.002517	.003637	.004970	.006314	.034152	.062535	.000000	.018040	.019548
29	.017110	.016260	.026758	.046848	.031084	.051478	.006008	.001973	.110023	.030544
30	.002575	.004393	.006546	.003492	.002930	.014507	.009866	.000000	.004112	.009713
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32	.005405	.010943	.001561	.002339	.003248	.001499	.001191	.001338	.005121	.002476
33	.004335	.021390	.012149	.019929	.012080	.035841	.027586	.006873	.011406	.009323
34	.001322	.003326	.001633	.000831	.001962	.003064	.002130	.000062	.001469	.003234
35	.000384	.005166	.024663	.000000	.000000	.001807	.000000	.000000	.000465	.000091
36	.015621	.025993	.025697	.024157	.020916	.004221	.025967	.000000	.010970	.032158
37	.644684	.527964	.601359	.564981	.494303	.271503	.174617	.438447	.625038	.168663
38	.355316	.472036	.378641	.435019	.505697	.728497	.825383	.561553	.374962	.831337
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37	.015221	.025993	.025697	.024157	.020916	.004221	.025967	.000000	.010970	.032158
38	.644684	.527964	.601359	.564981	.494303	.271503	.174617	.438447	.625038	.168663
39	.355315	.472036	.398641	.435019	.505697	.728497	.825385	.561553	.374962	.831337
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5	.000017	.000003	.001496	.000000	.057647	.001945
6	.003342	.005574	.003447	.000000	.000000	.008425
7	.003070	.002673	.005955	.424377	.398817	.033878
8	.013021	.021636	.035159	.000000	.017131	.017469
9	.000230	.000000	.000003	.000000	.000000	.000635
10	.001987	.000700	.000646	.004591	.000312	.005759
11	.003626	.005382	.007022	.070621	.000323	.021969
12	.009164	.005133	.004594	.000000	.000000	.032677
13	.000101	.001649	.003090	.000918	.000000	.016525
14	-.000388	.000000	.000003	.000000	.000000	.022093
15	.000373	.000000	.000033	.000000	.002052	.004669
16	-.000054	.001713	.000003	.000000	.000000	.004829
17	.001512	.000555	.002003	.001937	.002915	.027988
18	.006192	.002643	.003429	.062212	.002786	.017196
19	.002175	.001044	.004345	.000000	.000000	.010832
20	.001282	.000000	.000000	.000000	.000000	.013703
21	.026203	.000233	.000533	.000000	.000000	.016835
22	.000192	.002906	.000676	.000000	.000000	.003597
23	.001594	.003932	.005432	.123196	.111175	.022472
24	.008667	.006045	.003251	.000000	.000000	.000102
25	.009400	.019562	.023037	.000000	.004959	.028840
26	.010235	.031667	.046153	.269281	.097872	.139297
27	.009377	.010287	.018024	.000000	.000174	.035615
28	.006230	.008531	.017450	.000000	.009664	.000000
29	.045169	.015515	.027224	.034065	.023211	.174276
30	.006740	.004682	.008685	.000000	.000000	.006751
31	.000000	.000000	.000000	.000000	.000000	.000000
32	.001167	.001550	.002863	.000000	.000001	.023889
33	.019606	.019220	.051672	.000000	.004805	.038362
34	.002802	.002471	.001643	.000000	.000460	.004978
35	.000185	.000000	.000027	.000000	.000000	.000089
36	.001272	.029785	.025033	.000316	.000322	.000000
37	.279343	.303083	.412029	1.000000	.780799	.844596
38	.720152	.696917	.557971	.000000	.219201	.155404
39	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

7-7 Input coefficients, 1980

A(I,J) / X(I) PRINT

*** IO 1930 (88/06/29)

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	1	2	3	4	5	6	7	8	9	10
1	.124875	.002080	.349813	.060295	.439794	.000090	.004221	.000000	.013503	.048939
2	.000003	.001773	.000191	.000332	.000013	.000000	.003476	.000000	.000000	.000295
3	.099068	.000000	.123234	.001688	.001630	.000000	.002412	.000000	.222588	.000000
4	.006419	.001855	.000915	.308906	.001586	.018319	.001251	.006888	.062551	.052420
5	.000661	.001191	.001320	.000822	.110822	.192372	.054564	.000194	.000218	.000000
6	.000376	.000586	.000451	.000597	.000433	.029651	.000429	.000941	.000000	.000530
7	.001847	.000000	.009697	.001067	.007006	.011657	.392334	.195589	.012940	.003415
8	.001014	.001370	.002448	.003859	.001554	.002661	.064276	.128506	.001878	.002049
9	.000002	.000000	.000000	.007834	.000000	.000075	.000010	.000384	.098260	.000000
10	.000637	.002091	.000171	.005100	.000065	.004194	.000243	.000485	.006422	.019078
11	.050764	.007265	.010040	.081432	.016170	.023776	.023439	.035887	.005973	.199553
12	.032296	.058753	.009143	.014102	.002370	.003853	.034059	.000330	.002797	.015913
13	.001395	.000038	.011108	.000000	.000542	.009230	.000575	.000021	.000419	.006123
14	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
15	.000143	.003582	.000016	.000103	.000932	.021194	.000000	.000000	.000000	.004192
16	.000000	.000439	.000793	.000000	.000716	.003336	.000047	.004493	.000000	.000000
17	.003955	.011958	.013494	.006013	.004880	.054541	.001476	.000193	.021705	.014835
18	.010130	.008761	.004487	.004321	.004032	.003358	.003027	.003293	.000671	.006283
19	.000184	.004775	.000057	.000806	.000204	.001355	.000000	.002183	.000629	.000000
20	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
21	.005770	.000086	.000013	.000000	.000000	.000000	.000001	.000001	.000000	.000000
22	.000026	.000024	.000012	.000055	.000027	.000043	.000058	.000115	.000006	.000015
23	.007153	.000633	.007172	.008257	.006973	.034508	.000004	.010647	.066577	.052834
24	.004588	.003216	.002001	.002454	.000784	.002131	.001820	.002130	.001566	.001570
25	.004815	.024936	.011889	.013718	.013938	.010498	.044989	.012627	.010231	.018007
26	.027534	.030473	.048927	.066328	.055204	.081704	.035648	.045958	.077757	.049655
27	.017260	.031234	.008339	.032372	.013475	.015583	.022928	.013785	.007786	.037882
28	.000874	.005574	.001336	.001045	.001939	.001445	.002232	.002553	.002103	.001633
29	.030873	.231058	.023387	.017566	.035894	.021155	.016203	.021664	.018817	.021395
30	.002234	.002989	.001937	.003126	.004826	.003977	.002464	.003433	.001780	.001143
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.000509	.002452	.003103	.002910	.001016	.001959	.003080	.002244	.002355	.014304
33	.000508	.006097	.015002	.009623	.007813	.021069	.009978	.033688	.006650	.007997
34	.000890	.001013	.000581	.003311	.001480	.001882	.002366	.002165	.000390	.000966
35	.007854	.000072	.018578	.023575	.001943	.012436	.012843	.004121	.006302	.011086
36	.011817	.020517	.021593	.011989	.015303	.025197	.014046	.008480	.011324	.024221
37	.456490	.467390	.701731	.693207	.753364	.613249	.754508	.542998	.664199	.616332
38	.543510	.532510	.298269	.306793	.246635	.386751	.245492	.457002	.335801	.383668
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31	.000000	.000000	.001937	.003128	.004828	.003977	.002464	.003433	.001780	.001143
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33	.000503	.006097	.015002	.009523	.007813	.021069	.009978	.033688	.006650	.007997
34	.000890	.001013	.000581	.003311	.001480	.001882	.002366	.002165	.000390	.000966
35	.007354	.000072	.018578	.023575	.001943	.012436	.012843	.004121	.006302	.011086
36	.011817	.020517	.021593	.011989	.015303	.025197	.014046	.008480	.011324	.024221
37	.456490	.467390	.701731	.693207	.753364	.613249	.754508	.542998	.664199	.616332
38	.543310	.532610	.298269	.306793	.246635	.386751	.245492	.457002	.335801	.383668
39	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

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	11	12	13	14	15	16	17	18	19	20
1	.001826	.001009	.000228	.000000	.000000	.000299	.000023	.000000	.000000	.000000
2	.006165	.697293	.136999	.083094	.000259	.125738	.000085	.000365	.000000	.000000
3	.011255	.000077	.000173	.000000	.000002	.000001	.000000	.000000	.000000	.000000
4	.002198	.000122	.002520	.000120	.000376	.001569	.001980	.001046	.002093	.001780
5	.000322	.000000	.002813	.000000	.001722	.001596	.002130	.000496	.000235	.000307
6	.000546	.000086	.001310	.000087	.000140	.000205	.001484	.001301	.008499	.000663
7	.017985	.000000	.009452	.000000	.000000	.000646	.000000	.000953	.001575	.000453
8	.002574	.000384	.004092	.000609	.000491	.001190	.002390	.002762	.003786	.001806
9	.000249	.000000	.000000	.000000	.000000	.000000	.000035	.000251	.000196	.000113
10	.000853	.000053	.000154	.000514	.000823	.000070	.002532	.006598	.002527	.042233
11	.355868	.004718	.016601	.008827	.004553	.019530	.006454	.003654	.012351	.009135
12	.098584	.048139	.067621	.131305	.033123	.026670	.015473	.005146	.004687	.004781
13	.007046	.001122	.125371	.014692	.002257	.008053	.006231	.003408	.010692	.007543
14	.000000	.000000	.000044	.411240	.368980	.000024	.000980	.003136	.002734	.010224
15	.000121	.000000	.016943	.000000	.223957	.001198	.264698	.109215	.041230	.083515
16	.004409	.000042	.006957	.016364	.007359	.381268	.059003	.016698	.083318	.033218
17	.004784	.002656	.001343	.000012	.001193	.001304	.045521	.018370	.016340	.011455
18	.005874	.002168	.019288	.004797	.005383	.005384	.007835	.279642	.018946	.067333
19	.004605	.001356	.002558	.002335	.002066	.005869	.001209	.050202	.237996	.040399
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22	.000079	.000008	.000054	.000007	.000011	.000018	.000020	.004594	.002756	.004936
23	.014772	.002156	.000000	.000000	.000013	.000263	.001782	.007842	.035746	.021128
24	.003802	.001257	.003745	.002757	.002576	.003007	.002723	.000866	.002551	.002461
25	.040308	.005633	.054584	.060716	.026376	.061598	.024062	.011884	.011890	.013997
26	.027389	.009932	.060507	.026408	.020083	.035179	.044313	.052892	.041461	.043303
27	.028373	.018825	.024885	.017029	.014556	.030046	.015144	.012908	.012243	.009003
28	.005555	.002251	.004913	.002324	.002106	.000722	.004320	.001568	.002892	.002376
29	.020214	.009195	.061117	.016199	.012677	.015247	.022224	.015718	.010983	.013660
30	.006836	.002785	.004410	.001344	.001435	.003506	.005851	.003194	.008832	.001660
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32	.015876	.002155	.004409	.003264	.006504	.003681	.008946	.016883	.015244	.011631
33	.023162	.002434	.007632	.003643	.003501	.003883	.014397	.023416	.030855	.013690
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35	.008819	.000074	.010314	.000304	.008598	.008645	.023552	.002771	.010885	.000767
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37	.732882	.832519	.663832	.839741	.762219	.777706	.600867	.669998	.651674	.734299
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3	.000000	.000000	.002171	.000000	.000000	.000328	.000000	.000000	.000103	.000000
4	.003579	.005785	.009442	.007161	.000797	.002435	.000383	.000059	.003207	.003734
5	.002657	.000729	.026265	.051733	.000024	.001756	.000000	.000000	.000074	.000000
6	.000905	.000479	.002843	.016904	.001343	.001315	.001249	.000089	.000594	.001971
7	.000103	.001703	.014844	.003219	.000316	.005168	.000551	.000000	.000681	.002330
8	.001721	.004748	.002606	.001041	.002022	.003740	.008565	.000150	.001624	.018125
9	.000138	.018704	.002636	.000000	.000075	.000048	.000000	.000000	.000003	.000006
10	.048972	.004914	.000329	.001628	.000413	.000025	.000000	.000000	.000323	.000342
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12	.003292	.003548	.006703	.011950	.177865	.005512	.000345	.000577	.207238	.002617
13	.003816	.006530	.008695	.086269	.000663	.000796	.000000	.000000	.000031	.000000
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16	.013000	.063354	.005727	.012097	.000361	.000000	.000000	.000000	.000000	.000000
17	.013040	.000781	.003409	.087945	.000393	.002783	.000000	.000000	.000668	.000013
18	.060493	.029531	.016869	.023284	.002128	.000389	.000644	.000000	.000633	.000860
19	.025149	.016341	.002724	.016420	.019401	.000194	.000254	.000000	.000224	.005089
20	.124943	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
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22	.001894	.158282	.000045	.000326	.001254	.001954	.000062	.000005	.000076	.000180
23	.012237	.034373	.119761	.013881	.000401	.002077	.002718	.002523	.000146	.000913
24	.002396	.002032	.001895	.001081	.018909	.006310	.050019	.023288	.006306	.002491
25	.006209	.012278	.020689	.009103	.027317	.012025	.003341	.007017	.019165	.014262
26	.055555	.044607	.055272	.064401	.014236	.025889	.005626	.001508	.063225	.010989
27	.023279	.028784	.009081	.011584	.057272	.062262	.028208	.009232	.045838	.010899
28	.001957	.002624	.003838	.005612	.003884	.032139	.010356	.000000	.014405	.016101
29	.013692	.015100	.024343	.038574	.026217	.055124	.005637	.003857	.114187	.026689
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32	.009463	.016454	.002552	.004891	.005409	.002864	.003171	.003571	.008081	.022263
33	.005820	.020248	.012557	.029056	.018710	.037448	.034801	.017043	.017396	.013221
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36	.020908	.027441	.021317	.011763	.009893	.012606	.021035	.003239	.009398	.034402
37	.612150	.577107	.649496	.577454	.533693	.301121	.189866	.072253	.659725	.207649
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35	.000952	.005655	.029514	.000000	.000000	.002175	.002388	.001880	.000075	.001495	.004999
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37	.612150	.577107	.649496	.577454	.533693	.301121	.012606	.021035	.003239	.009398	.034402
38	.387350	.422393	.350504	.422546	.466307	.698879	.189866	.072253	.072253	.659725	.207649
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	31	32	33	34	35	36
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4	.005595	.003130	.002833	.007786	.015705	.060270
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6	.003641	.008708	.003630	.000000	.000000	.007694
7	.000777	.002654	.005666	.373363	.479986	.010129
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9	.000003	.000000	.000053	.000000	.000000	.000286
10	.002482	.000815	.000657	.005401	.000230	.007859
11	.005163	.091596	.006032	.059951	.001433	.063105
12	.013905	.008237	.009446	.000000	.001497	.047359
13	.000263	.002061	.002740	.004722	.000000	.015889
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15	.000222	.000000	.000028	.000000	.004361	.087667
16	.000092	.001014	.000002	.000000	.000004	.004933
17	.001018	.000663	.001930	.001965	.003429	.045824
18	.008152	.003262	.002393	.050059	.000969	.040847
19	.008365	.002021	.003946	.000000	.000000	.029849
20	.001452	.000000	.000000	.000000	.000000	.000000
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22	.000715	.003942	.000440	.000000	.000000	.000391
23	.001961	.004973	.005937	.143258	.085253	.017312
24	.016366	.008911	.004737	.000000	.000644	.005959
25	.033283	.027973	.028843	.000000	.005379	.040159
26	.014356	.040509	.052352	.328601	.068271	.098857
27	.001614	.009755	.022722	.000000	.000597	.060217
28	.004468	.009577	.018609	.000000	.002132	.013855
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35	.000023	.000000	.000026	.000000	.000000	.001382
36	.000436	.018033	.012614	.002177	.002283	.000000
37	.274540	.353662	.437439	1.000000	.787479	.945808
38	.725460	.646338	.562561	.000000	.212521	.054192
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7-8 Input coefficients, 1985

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3	.095251	.000000	.112590	.002539	.002132	.000000	.002323	.000000	.280085	.000000
4	.006304	.002247	.000966	.299764	.001744	.018793	.001413	.007276	.050071	.045804
5	.000524	.000972	.001593	.000728	.098050	.138144	.042617	.000149	.000139	.000000
6	.000382	.000628	.000437	.000605	.000474	.031380	.000466	.000799	.000000	.000599
7	.001859	.000000	.009572	.001074	.008191	.009760	.340896	.172086	.013469	.003543
8	.001047	.002142	.002380	.004022	.001817	.002656	.093195	.126283	.001353	.002410
9	.000001	.000000	.000000	.007920	.000000	.000072	.000015	.000440	.086713	.000000
10	.000745	.002361	.000165	.005917	.000058	.005127	.000250	.000528	.008262	.016619
11	.047205	.008528	.008939	.075157	.026889	.023099	.023654	.035324	.006095	.197988
12	.030565	.150612	.009354	.012365	.009518	.005840	.022295	.002758	.006938	.012095
13	.001587	.000037	.010337	.000000	.000650	.008302	.000567	.000026	.000476	.006505
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17	.004409	.013072	.014697	.005513	.005700	.063326	.001569	.000201	.015741	.017822
18	.015091	.011327	.005682	.004786	.005316	.003869	.003925	.003977	.000394	.009225
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21	.011309	.059073	.000986	.001508	.004366	.001726	.001050	.001933	.003100	.001398
22	.000025	.000009	.000007	.000040	.000024	.000027	.000028	.000104	.000002	.000006
23	.009942	.000745	.007774	.008444	.008640	.040701	.000005	.011666	.075515	.061556
24	.004352	.003557	.002102	.002380	.001020	.002140	.001989	.002072	.001496	.001757
25	.005444	.029334	.013281	.014716	.020422	.011547	.051714	.014296	.011828	.019431
26	.031663	.072857	.047807	.065658	.069493	.083089	.039706	.044489	.065849	.052634
27	.019622	.041823	.008523	.035038	.022037	.021427	.027904	.016088	.007468	.039877
28	.001054	.007391	.001504	.001205	.003383	.001758	.002767	.002884	.002355	.002200
29	.016952	.036848	.018980	.014139	.027870	.017065	.014236	.016389	.009340	.019121
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34	.000320	.000976	.000511	.002945	.001813	.001728	.002353	.001840	.000327	.000978
35	.007150	.000063	.016486	.020237	.002551	.011214	.014540	.032978	.004529	.009794
36	.012033	.022147	.022233	.012024	.020497	.026780	.013843	.008296	.010996	.022509
37	.441499	.500599	.652737	.659797	.744714	.589471	.732677	.536730	.697794	.611949
38	.558501	.499401	.347263	.340203	.255286	.410529	.267323	.463270	.302205	.388051
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11 12 13 14 15 16 17 18 19 20

31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
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33	.000514	.012419	.016119	.010657	.013609	.026365	.014880	.051354	.006576	.010190
34	.000320	.000976	.000511	.002945	.001813	.001728	.002353	.001840	.000327	.000978
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35	.012033	.022147	.022233	.012024	.020497	.026780	.013843	.008296	.010996	.022509
37	.441499	.500599	.652737	.659797	.744714	.589471	.732677	.536730	.697794	.611949
38	.558501	.499401	.347263	.340203	.255286	.410529	.267323	.463270	.302200	.388051
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4	.002130	.000140	.002431	.000129	.000413	.001752	.001768	.001031	.002251	.001632
5	.000251	.000000	.002064	.000000	.001946	.001826	.001384	.000285	.000194	.000214
6	.000603	.000088	.001479	.000091	.000143	.000231	.001106	.000782	.005201	.000567
7	.017994	.000000	.009228	.000000	.000000	.000703	.000035	.000648	.001411	.000294
8	.003179	.000407	.004080	.000684	.000528	.001389	.002343	.002449	.005061	.001620
9	.000324	.000000	.000000	.000000	.000000	.000000	.000031	.000170	.000114	.000106
10	.000861	.000063	.000143	.000546	.000805	.000074	.002351	.006097	.002075	.033751
11	.322719	.008389	.016915	.010237	.005035	.021479	.005767	.003583	.013927	.008932
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13	.007344	.001218	.105969	.010952	.002243	.003571	.005045	.002287	.009925	.004828
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15	.000259	.000000	.012349	.000000	.231802	.001451	.243313	.082098	.028277	.063348
16	.003374	.000051	.006268	.012242	.006854	.369591	.038959	.014088	.058242	.021565
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19	.004914	.002024	.002671	.002902	.002657	.005786	.001108	.055877	.279243	.042273
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21	.000703	.000332	.001520	.000919	.001392	.000610	.002023	.000627	.000709	.000257
22	.000051	.000003	.000039	.000003	.000004	.000009	.000007	.004442	.002656	.004781
23	.015720	.003274	.000374	.000000	.000013	.000293	.001331	.009620	.039776	.022672
24	.004302	.001311	.003707	.002947	.002701	.003593	.002509	.000758	.002481	.001762
25	.049468	.008092	.055886	.066970	.030484	.051389	.023893	.011428	.017139	.013237
26	.030029	.014183	.068840	.033890	.022169	.038029	.052648	.053142	.043735	.045199
27	.033878	.031792	.030539	.023142	.017902	.035806	.019118	.012312	.016243	.008842
28	.007135	.003253	.005439	.002892	.002595	.001060	.004373	.001666	.002875	.002408
29	.021149	.009275	.052582	.014340	.010182	.014980	.015767	.013542	.011213	.010895
30	.007435	.002919	.004337	.001426	.001449	.003888	.005206	.003255	.009160	.001611
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.021413	.002618	.005320	.003998	.007773	.005763	.009765	.017436	.020359	.011452
33	.030050	.002841	.008600	.004751	.004086	.005339	.017436	.029015	.039342	.015035
34	.003015	.000368	.002245	.000370	.000496	.001137	.000909	.002065	.007525	.002038
35	.008928	.000056	.010770	.000251	.008055	.009047	.019117	.002361	.009060	.000563
36	.011076	.036149	.010258	.030371	.011025	.037347	.015424	.013158	.021312	.008972
37	.711603	.771136	.620153	.870372	.727864	.736512	.566469	.651351	.693521	.702458
38	.238397	.229056	.379847	.129628	.252908	.263488	.433531	.348649	.306479	.405262
39	1.000000	1.000192	1.000000	1.000000	1.010772	1.000000	1.000000	1.000000	1.000000	1.107721

	21	22	23	24	25	26	27	28	29	30
1	.000000	.000000	.006645	.001367	.000000	.000000	.000000	.000000	.000042	.000000
2	.000011	.000000	.000650	.016682	.141533	.000000	.000002	.000000	.000002	.000022
3	.000000	.000000	.001862	.000000	.000000	.000319	.000000	.000000	.000149	.000000
4	.002840	.005414	.008332	.006437	.000710	.002606	.000474	.000057	.003988	.004104
5	.001961	.000591	.018759	.033034	.000018	.001531	.000000	.000000	.000093	.000000
6	.000753	.000443	.002362	.014375	.001118	.001275	.001310	.000075	.000807	.002058
7	.000081	.002035	.012991	.003065	.000251	.004621	.000610	.000000	.001034	.002435
8	.001413	.004440	.002485	.001045	.001880	.003866	.010274	.000128	.002210	.018176
9	.000089	.015838	.002500	.000000	.000081	.000052	.000000	.000000	.000004	.000006
10	.042401	.005604	.000486	.001732	.000343	.000029	.000000	.000000	.000444	.000396
11	.015407	.002442	.179712	.004834	.002276	.000006	.000000	.000001	.000267	.001106
12	.002826	.005320	.009609	.020212	.075967	.021849	.001473	.001798	.068342	.004329
13	.002852	.005613	.008366	.084072	.000655	.000761	.000000	.000000	.000048	.000000
14	-.001742	-.000948	.000000	-.000218	.000000	.000000	.000000	.000000	.000000	.000000
15	.043472	.043541	.002902	.033079	.000059	.000000	.000000	.000000	.000025	.000000
16	.011073	.055537	.003889	.008569	.000270	.000000	.000000	.000000	.000001	.000000
17	.011459	.000780	.002792	.112047	.000351	.003101	.000000	.000000	.000804	.000011
18	.053237	.030821	.023371	.031948	.002383	.000478	.000936	.000000	.001210	.001027
19	.017015	.014433	.002985	.015190	.029256	.000194	.000322	.000000	.000279	.006427
20	.140507	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
21	.078057	.001479	.003431	.006383	.004186	.012754	.000763	.000878	.061331	.001523
22	.001640	.137355	.000027	.000359	.001267	.002850	.000025	.000001	.000051	.000163
23	.009998	.031452	.142301	.014771	.000344	.001880	.002816	.002326	.000238	.001183
24	.002006	.002244	.001842	.001033	.015161	.005314	.026696	.017623	.008339	.002635
25	.006084	.016680	.023323	.009612	.029017	.012775	.004132	.006684	.028725	.016736
26	.061224	.041258	.055975	.069566	.018407	.031788	.006463	.001742	.022221	.012291
27	.025044	.032410	.009114	.015863	.055218	.036083	.032658	.007728	.033890	.008292
28	.001943	.003049	.004071	.006306	.004242	.043394	.014933	.000010	.022122	.018777
29	.011401	.013999	.014994	.023636	.008804	.021507	.004716	.000670	.086904	.022316
30	.003058	.007375	.005556	.003445	.001714	.014546	.010049	.000014	.004867	.015081
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.009993	.019289	.002466	.004985	.006200	.002472	.002905	.003030	.019106	.023764
33	.005283	.020548	.013200	.041437	.024466	.053465	.049443	.018899	.024120	.017851
34	.000914	.004107	.001130	.000651	.002857	.003550	.002248	.000057	.001920	.005134
35	.000883	.005691	.024708	.000000	.000000	.004567	.000000	.000000	.000803	.000051
35	.020161	.025279	.022634	.010994	.009527	.011456	.017547	.002875	.014488	.030125
37	.533355	.554618	.615973	.596512	.438559	.349090	.190794	.064596	.408873	.216018
38	.192841	.445382	.384027	.403488	.561441	.650910	.809206	.935404	.591127	.783982
39	.776197	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

—106—

35	.000883	.005691	.024708	.000000	.000000	.004567	.000000	.000000	.000803	.000051
36	.020161	.025279	.022634	.010994	.009527	.011456	.017547	.002875	.014488	.030125
37	.533355	.554618	.615973	.596512	.438559	.349090	.190794	.064596	.408873	.216018
38	.192841	.445382	.384027	.403488	.561441	.650910	.809206	.935404	.591127	.783982
39	.776197	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

*** 10 1935 (33/06/29)

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	31	32	33	34	35	36
1	.000173	.004331	.021345	.000000	.000000	.001233
2	.000013	.000220	.000020	.000000	.000000	.006663
3	.000273	.009609	.062904	.000000	.000000	.007869
4	.004986	.002884	.002619	.009474	.019111	.053085
5	.000019	.000003	.000895	.000000	.065275	.001247
6	.002373	.007459	.003065	.000000	.000000	.006323
7	.000623	.002402	.005331	.374313	.486378	.006887
8	.013982	.029045	.036390	.000000	.008845	.007235
9	.000003	.000000	.000048	.000000	.000000	.000257
10	.002184	.000769	.000601	.006230	.000218	.010080
11	.007694	.031002	.005266	.051801	.001605	.046707
12	.014453	.009677	.014180	.000000	.002274	.033162
13	.000235	.002051	.002150	.005695	.000000	.014768
14	.000000	.000000	.000000	.000000	.000000	.027621
15	.000174	.000000	.000024	.000000	.005784	.080200
16	.000071	.000765	.000001	.000000	.000004	.003598
17	.000760	.000337	.001166	.001236	.003812	.046245
18	.009428	.004160	.002996	.041771	.001455	.049317
19	.006560	.002036	.004470	.000000	.000000	.033055
20	.001207	.000000	.000000	.000000	.000000	.000000
21	.047582	.002387	.005910	.000000	.000422	.033944
22	.000637	.004056	.000509	.000000	.000000	.000191
23	.001763	.005034	.005645	.122202	.087495	.022839
24	.011176	.007057	.003818	.000000	.000750	.003395
25	.031102	.030863	.026549	.000000	.006320	.040828
26	.013565	.039228	.049399	.357645	.074960	.088073
27	.001844	.010039	.024382	.000000	.000587	.084068
28	.004760	.011400	.019970	.000000	.002934	.026176
29	.031153	.013113	.012839	.027063	.024784	.057337
30	.008946	.006651	.008003	.000000	.000459	.009409
31	.000000	.000000	.000000	.000000	.000000	.034365
32	.000323	.002940	.005192	.000000	.000000	.013616
33	.074610	.038149	.078168	.000000	.007201	.102210
34	.003344	.004174	.001500	.000000	.000949	.000000
35	.000016	.000000	.000018	.000000	.000000	.000972
36	.000363	.016579	.012881	.002566	.002783	.000000
37	.296929	.348924	.418257	1.000000	.804906	.952977
38	.703071	.651076	.581743	.000000	.195094	.047023
39	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

Table 8. Import coefficients

8-1 Import coefficients

1951		1955		1960		1965	
M / (A * X + FD)		M / (A * X + FD)		M / (A * X + FD)		M / (A * X + FD)	
IO 1951 (88/06/21) ***		IO 1955 (38/05/04) ***		IO 1960 (38/05/04) ***		IO 1965 (38/05/04) ***	
1	1	1	1	1	1	1	1
1	.262079	1	.158380	1	.155555	1	.106011
2	.254770	2	.312943	2	.510315	2	.637402
3	.071696	3	.034997	3	.044102	3	.057060
4	.004513	4	.003933	4	.010220	4	.010953
5	.004989	5	.005105	5	.005347	5	.015401
6	.000322	6	.000247	6	.000943	6	.001723
7	.052653	7	.018132	7	.019049	7	.025181
8	.008513	8	.005381	8	.011300	8	.008285
9	.037545	9	.041004	9	.029929	9	.051463
10	.001133	10	.003610	10	.005553	10	.006339
11	.028078	11	.034080	11	.079755	11	.057465
12	.108850	12	.170573	12	.109083	12	.093772
13	.015240	13	.006829	13	.011647	13	.007255
14	.003122	14	.042347	14	.093353	14	.053045
15	.003163	15	.008473	15	.007049	15	.001479
16	.056703	16	.035966	16	.152933	16	.155159
17	.003462	17	.010210	17	.006224	17	.009295
18	.022733	18	.090467	18	.063865	18	.054943
19	.006966	19	.025385	19	.013301	19	.033512
20	.075138	20	.067720	20	.013733	20	.020339
21	.064221	21	.012575	21	.026902	21	.031736
22	.063042	22	.035154	22	.032636	22	.032443
23	.012033	23	.002667	23	.014431	23	.042529
24	.000036	24	.000343	24	.000054	24	.000000
25	.000000	25	.000000	25	.001203	25	.000169
26	.000000	26	.004110	26	.005340	26	.009611
27	.008844	27	.004865	27	.000000	27	.000329
28	.000000	28	.003002	28	.000000	28	.000000
29	.000000	29	.034383	29	.041771	29	.056739
30	.028480	30	.000000	30	.010467	30	.005315
31	.000000	31	.008015	31	.000000	31	.000000
32	.000000	32	.000000	32	.000751	32	.000000
33	.000636	33	.000000	33	.003416	33	.007900
34	.000000	34	.000000	34	.000000	34	.000000
35	.000000	35	.102270	35	.000000	35	.000000
36	.101595	36	.042619	36	.045283	36	.031343
37	.027245						

1970

M / (A * X + FD)

IO 1970 (38/05/04) ***

1975

M / (A * X + FD)

IO 1975 (38/05/04) ***

1980

M / (A * X + FD)

IO 1980 (38/05/29) ***

1985

M / (A * X + FD)

IO 1985 (38/06/29)

32	.000000	32	.000000	32	.000000	32	.000000
33	.000636	33	.000000	33	.003416	33	.007900
34	.000000	34	.000000	34	.000000	34	.000000
35	.000000	35	.102270	35	.000000	35	.000000
36	.101595	36	.042619	36	.045283	36	.031343
37	.027245						

1970

1975

1980

1985

M / (A * X + FD)

M / (A * X + FD)

M / (A * X + FD)

M / (A * X + FD)

ID 1970 (58/05/04)

ID 1975 (58/05/04)

ID 1980 (58/06/29)

ID 1985 (58/06/29)

1

1

1

1

1	.193483
2	.703393
3	.053613
4	.030756
5	.046281
6	.002475
7	.029713
8	.013966
9	.069955
10	.009929
11	.073360
12	.036486
13	.007960
14	.051913
15	.001193
16	.183601
17	.008153
18	.047057
19	.039424
20	.009685
21	.055953
22	.123819
23	.050243
24	.000000
25	.000019
26	.008541
27	.002145
28	.008300
29	.073384
30	.004589
31	.000000
32	.000000
33	.010106
34	.000000
35	.000000
36	.061900

1	.187543
2	.650913
3	.077295
4	.057242
5	.072487
6	.010433
7	.032675
8	.009795
9	.110294
10	.032365
11	.062431
12	.077139
13	.008161
14	.019634
15	.001453
16	.159260
17	.011173
18	.038155
19	.046977
20	.016759
21	.045850
22	.159124
23	.046853
24	.000000
25	.000075
26	.009523
27	.002179
28	.000000
29	.067053
30	.004154
31	.000000
32	.000020
33	.014006
34	.000000
35	.000000
36	.116971

1	.203994
2	.864005
3	.031302
4	.073154
5	.101788
6	.019324
7	.046723
8	.007166
9	.207974
10	.045186
11	.073335
12	.112361
13	.018011
14	.021072
15	.006454
16	.193201
17	.012407
18	.031756
19	.048197
20	.013472
21	.063092
22	.115304
23	.064509
24	.000000
25	.000183
26	.012566
27	.008243
28	.000000
29	.060336
30	.003880
31	.000000
32	.000024
33	.016546
34	.000000
35	.000000
36	.140155

1	.170010
2	.853583
3	.080091
4	.034934
5	.113693
6	.026070
7	.042353
8	.005554
9	.221450
10	.051773
11	.088763
12	.134977
13	.025229
14	.026299
15	.012890
16	.244743
17	.011813
18	.027125
19	.036822
20	.014576
21	.067520
22	.112395
23	.049610
24	.000000
25	.000129
26	.012492
27	.006680
28	.000000
29	.071217
30	.006819
31	.000000
32	.000017
33	.013336
34	.000000
35	.000000
36	.178297

Table 9. Inverse matrix

9-1 Inverse matrix, 1951

INVERSE MATRIX OF (I - (I - MBAR) * A)

*** IO CAL PROGRAM 1951

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	1	2	3	4	5	6	7	8	9	10
1	1.056851	.055648	.271510	.316844	.448968	.200523	.118124	.064679	.611387	.368135
2	.015258	1.041543	.021921	.032334	.018364	.023983	.064048	.035681	.019092	.043477
3	.040114	.014092	1.171442	.036170	.021400	.014598	.023086	.029190	.026291	.037030
4	.042167	.040374	.037049	1.695662	.035157	.026385	.082081	.053337	.030689	.422486
5	.005045	.014292	.008894	.007136	1.092915	.468719	.014064	.010148	.003918	.007419
6	.000226	.000511	.000171	.000329	.000169	1.000141	.000309	.000543	.000167	.000240
7	.011063	.010081	.028669	.027706	.009084	.025432	1.553183	.533062	.009486	.033219
8	.000824	.002057	.001565	.002572	.001033	.001590	.015720	1.007678	.001030	.002447
9	.000608	.000786	.000840	.020488	.000559	.000432	.001314	.000911	1.162214	.005237
10	.008383	.013261	.004526	.007826	.005146	.004287	.011019	.008541	.005833	1.027196
11	.078501	.043309	.042692	.196798	.046770	.059199	.080263	.076735	.057259	.258274
12	.012167	.022601	.009075	.014547	.011422	.012904	.016836	.014302	.011149	.022173
13	.004515	.008322	.011791	.005739	.006301	.012480	.006234	.007196	.005484	.005827
14	.006651	.046817	.011077	.021190	.008353	.009798	.027005	.017730	.006018	.015480
15	.012902	.097202	.022366	.034487	.016556	.018791	.049035	.033580	.011751	.025913
16	.004367	.011199	.006177	.009268	.004448	.004594	.014355	.017230	.003812	.010119
17	.005258	.034421	.015173	.006008	.008332	.008445	.006319	.006417	.004207	.006521
18	.003560	.013851	.002164	.010182	.002333	.001871	.003846	.004898	.002547	.004617
19	.002245	.012476	.003165	.004807	.003524	.003680	.006285	.012645	.002470	.004644
20	.000174	.000418	.000349	.000510	.000488	.000730	.000801	.001006	.000350	.000529
21	.001535	.001266	.001134	.001534	.001562	.001697	.002086	.001829	.001406	.001568
22	.000099	.000161	.000132	.000262	.000103	.000201	.000269	.000274	.000145	.000256
23	.000453	.001049	.001060	.003743	.001187	.000826	.001155	.001258	.000468	.001489
24	.013663	.024544	.009628	.014652	.009667	.008026	.016976	.033941	.009763	.012698
25	.007310	.043104	.014143	.018264	.020905	.021012	.034484	.024403	.008225	.020430
26	.032013	.042925	.040619	.077825	.028747	.068286	.074264	.075849	.049995	.083641
27	.005422	.009778	.007438	.012355	.010520	.015722	.013209	.011580	.004799	.010644
28	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
29	.013463	.032691	.028161	.023443	.054658	.083003	.064394	.041277	.035177	.038256
30	.032228	.006011	.004206	.006381	.002583	.003475	.007148	.022794	.003381	.006217
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.000829	.002760	.001745	.001551	.001359	.001024	.003109	.002426	.001001	.001421
33	.007931	.014650	.015875	.026192	.008631	.011237	.027026	.085708	.010104	.021283
34	.001403	.004623	.003073	.005316	.001734	.003039	.006161	.004232	.002377	.005067
35	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
36	.005456	.024435	.007504	.052745	.005558	.009667	.044732	.022110	.004555	.031954
37	.035700	.118342	.075173	.066786	.058524	.044105	.133854	.104471	.043103	.061197

Note: Inverse matrix is of the tupe $[I - (I - M)A]^{-1}$

*** IO CAL PROGRAM 1951

DATE : 6/28/1988 PAGE = 10

30	.012228	.006011	.004206	.006381	.002585	.003475	.004394	.041277	.035177	.038256
31	.000000	.000000	.000000	.000000	.000000	.000000	.007148	.022794	.003381	.006217
32	.000829	.002760	.001745	.001551	.001359	.001024	.000000	.000000	.000000	.000000
33	.007931	.014650	.015675	.026192	.008631	.011237	.003109	.002426	.001001	.001421
34	.001405	.004623	.003073	.005316	.001734	.027026	.027026	.085705	.010104	.021283
35	.000000	.000000	.000000	.000000	.000000	.003039	.006161	.004232	.002377	.005067
36	.005456	.024435	.007504	.052745	.005558	.009667	.044732	.000000	.000000	.000000
37	.035700	.118342	.075175	.066786	.058524	.044105	.133854	.104471	.043103	.061197

Note: Inverse matrix is of the tupe $[I-(I-M)A]^{-1}$

*** IO CAL PROGRAM 1951

DATE : 6/28/1958 PAGE = 10

	11	12	13	14	15	16	17	18	19	20
1	.075113	.057284	.060876	.062754	.058197	.055149	.059015	.050466	.050983	.065071
2	.101767	.412400	.186615	.201626	.142115	.192235	.093044	.078065	.061510	.069638
3	.107537	.020168	.020517	.023826	.023391	.022478	.024489	.019763	.020542	.017805
4	.049413	.045799	.063528	.116940	.101052	.106254	.090167	.073895	.105536	.087954
5	.010243	.009589	.030033	.011703	.014015	.011553	.018326	.021347	.015094	.023244
6	.000350	.000358	.000258	.000450	.000518	.000459	.000442	.012200	.002206	.000660
7	.111907	.013900	.093867	.022143	.019900	.019537	.019453	.026532	.030305	.021574
8	.005658	.002386	.002786	.003975	.003855	.003803	.003434	.003271	.003041	.002859
9	.000933	.000897	.001129	.002241	.001963	.002027	.001762	.004196	.001957	.001989
10	.010914	.008755	.011057	.008373	.008143	.007575	.007044	.009900	.005952	.075589
11	1.323372	.051288	.080554	.045139	.040424	.051847	.036888	.042650	.054645	.051431
12	.044711	1.063433	.028267	.177125	.121000	.038383	.078220	.058188	.033930	.050622
13	.017018	.008104	1.091019	.049821	.031397	.016205	.019118	.021097	.024122	.028313
14	.020962	.047256	.036437	1.422752	.792379	.087579	.418291	.324954	.123037	.232302
15	.037739	.057999	.070986	.177042	1.692650	.126747	.840251	.691018	.241191	.490451
16	.038113	.013282	.015428	.018428	.041527	1.282595	.061002	.064654	.287704	.097145
17	.014764	.021998	.011991	.017012	.015630	.013669	1.019567	.018519	.014701	.018320
18	.004109	.006955	.004760	.009951	.016853	.007934	.013700	1.155309	.015791	.030892
19	.009313	.011676	.007273	.013506	.014002	.010340	.012098	.017559	1.162325	.068896
20	.000742	.000634	.000690	.001560	.001383	.001317	.001029	.000874	.000851	1.068515
21	.001667	.001791	.001948	.004774	.004125	.004112	.003189	.002547	.002578	.002154
22	.000237	.000195	.000245	.000386	.000744	.000751	.000525	.000457	.000485	.000433
23	.001210	.000959	.000937	.002040	.001952	.001765	.002408	.005908	.004782	.001859
24	.019960	.017647	.011853	.016195	.017142	.019946	.015094	.015144	.013881	.014378
25	.045883	.134556	.042381	.059911	.049101	.039915	.042190	.032972	.028994	.029002
26	.067990	.052210	.068435	.209322	.179104	.179906	.130631	.121832	.131356	.125423
27	.012914	.009937	.009903	.011674	.011025	.011378	.010458	.011938	.011938	.011374
28	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
29	.045758	.061626	.062779	.045166	.047738	.043073	.046697	.042540	.039743	.040016
30	.009480	.007280	.007557	.012438	.011974	.012602	.011012	.009299	.009518	.008453
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.002818	.003621	.003748	.004638	.004543	.004671	.005510	.003808	.004002	.002824
33	.046407	.015791	.017806	.031902	.035607	.026617	.033489	.028326	.025558	.025050
34	.006476	.004486	.004528	.009054	.009226	.007035	.007706	.007545	.006379	.007281
35	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
36	.020478	.021097	.033459	.373091	.290159	.301706	.162877	.130825	.137674	.107546
37	.121325	.155902	.161361	.199665	.195810	.201092	.237224	.163940	.172286	.121584

	21	22	23	24	25	26	27	28	29	30
1	.072174	.034897	.116400	-.102739	.042997	.030356	-.010849	.000000	-.041710	-.033839
2	.068614	.052315	.052406	-.072314	.233284	.009530	.005899	.000000	.092485	-.023735
3	.022541	-.013622	.040222	-.029341	-.016897	-.016999	-.005991	.000000	.016145	-.014756
4	-.072616	-.043758	.162227	.046345	-.048617	.029538	.007532	.000000	.063393	-.062178
5	.044052	.020781	.036971	.134810	-.011762	.008467	-.007596	.000000	.012927	-.005014
6	.001522	.000385	.000240	-.013295	.000593	.000217	.000716	.000000	.000529	-.000370
7	-.021659	.042083	.099351	-.029863	.012513	.036634	-.021223	.000000	.018575	-.020654
8	.003093	.003275	.006629	-.004130	.002563	.006379	-.018479	.000000	.005552	-.011074
9	-.039483	.001327	.002733	.000875	.000946	.000587	.000147	.000000	.001096	-.001100
10	-.030343	.008826	.005606	-.009370	.007673	.008204	.000976	.000000	.019787	-.003175
11	-.058411	.035256	.233981	-.053226	.032525	-.015261	.006563	.000000	.029975	-.021868
12	-.048931	.019744	.025142	-.032785	.049769	.006105	.032762	.000000	.033741	-.016134
13	.023581	.030661	.007915	.121426	.011698	.003013	.006768	.000000	.009457	-.004873
14	.236165	.065253	.028544	-.104787	.036623	.009663	.006748	.000000	.038161	-.020428
15	.500431	-.129968	.056151	-.220200	.061268	.019701	-.013984	.000000	.076930	-.040533
16	-.060821	-.183370	.042569	-.033009	-.018987	.005420	.002907	.000000	.013563	-.029023
17	-.018123	.012743	.007021	.062820	.013382	-.011781	.003813	.000000	.013349	-.010946
18	-.111215	-.018638	.004158	-.013180	.005449	.002202	.001219	.000000	.006168	-.003436
19	-.076821	.007563	.006155	-.050011	.041568	.005832	.004516	.000000	.019344	-.099745
20	-.000807	.000537	.000639	-.001345	.000618	.000569	.000236	.000000	.008105	-.000696
21	1.069393	.001459	.001957	-.002463	.001732	.001183	.000401	.000000	.015366	-.003138
22	.000446	1.073864	.000284	-.000384	.000198	.002417	.000056	.000000	.000404	-.000183
23	.002989	.001299	1.057768	-.013158	.001318	.002539	.001487	.000000	.001715	-.001079
24	.014954	.011246	.010233	1.012365	.033297	.012115	.053471	.000000	.031572	-.010835
25	.032040	.023437	.024531	-.020938	1.035020	.006973	.002654	.000000	.030216	-.014672
26	.126488	.067490	.081776	-.109682	.052951	1.027512	.014853	.000000	.044853	-.047306
27	.012609	.009689	.011166	-.010294	.009855	.021721	1.073252	.000000	.021282	-.006098
28	.030000	.000000	.000000	.000000	.000000	.000000	.000000	1.000000	.000000	-.000000
29	.044367	.026449	.043129	-.067616	.053943	.023410	.007923	.000000	1.038982	-.068059
30	.009638	.005773	.008533	-.010215	.007752	.028158	.013716	.000000	.005630	1.007337
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	-.000000
32	.004325	.002251	.004897	-.002122	.003817	.002444	.000480	.000000	.002173	-.003594
33	.027989	.022883	.033282	-.095150	.021702	.050518	.022315	.000000	.038293	-.018660
34	.007390	.008960	.004603	-.005010	.005410	.025379	.009031	.000000	.010611	-.003735
35	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	-.000000
36	.101216	.063844	.025832	-.049157	.020030	.006498	.003865	.000000	.019370	-.018240
37	.186223	.096930	.210846	-.091382	.164333	.105220	.020679	.000000	.093568	-.154728

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9-2 Inverse matrix, 1955

INVERSE MATRIX OF (I - (I - MARR) * A)

*** IO CAL PROGRAM 1955

DATE : 5/ 4/1988 PAGE = 10

	1	2	3	4	5	6	7	8	9	10
1	1.174452	.054419	.500541	.328067	.722462	.242329	.194007	.032070	.537489	.328568
2	.012555	1.032318	.013711	.024866	.010906	.014541	.042775	.024213	.024157	.027184
3	.044830	.020155	1.138872	.033453	.035375	.029904	.021274	.032188	.040189	.036282
4	.017323	.012490	.015222	1.816409	.014076	.025417	.042909	.036909	.015419	.253379
5	.009571	.012427	.008451	.010390	1.010140	.307090	.021943	.011097	.009427	.006755
6	.004337	-.001091	.005062	.004092	.002435	1.000579	.010913	.003505	.003023	.000912
7	.009482	.002416	.019214	.073643	.007324	.017368	1.525722	.474499	.012185	.015129
8	.004563	.007304	.010798	.021119	.006127	.014320	.165158	1.057683	.009585	.009164
9	.000279	.000330	.000341	.001978	.000315	.001468	.000446	.000492	1.033149	.000620
10	.001451	.006793	.001876	.004108	.002316	.003460	.006794	.007685	.002571	1.003094
11	.069302	.037136	.057597	.103399	.056570	.064941	.074105	.067604	.195041	.108553
12	.013611	.015613	.012188	.015872	.010786	.012302	.021692	.014426	.022795	.025774
13	.004061	.007300	.006626	.005489	.004236	.008332	.006897	.006849	.005485	.011631
14	.008300	.005620	.009749	.011227	.008209	.019101	.013240	.011636	.009653	.009102
15	.010035	.032948	.011784	.013252	.009841	.023595	.015045	.013669	.011076	.010438
16	.003904	.009452	.004908	.006579	.004045	.008065	.006895	.010740	.006139	.005720
17	.007509	.010147	.012406	.007424	.007615	.020768	.009407	.007088	.005910	.005095
18	.004201	.008552	.003160	.007117	.003620	.004148	.004841	.004511	.006626	.005131
19	.001155	.002514	.001207	.002199	.001249	.001293	.002400	.002531	.001311	.001344
20	.000140	.000113	.000206	.000250	.000155	.000174	.000225	.000676	.000192	.000271
21	.004565	.001813	.002839	.002544	.003232	.002259	.002319	.002262	.002901	.002397
22	.000063	.000146	.000084	.000444	.000080	.000087	.000160	.000221	.000084	.000139
23	.002037	.001225	.002142	.003565	.002163	.011310	.001755	.001946	.001705	.001988
24	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
25	.008205	.053354	.015264	.028365	.016922	.020848	.066236	.040360	.021081	.024684
26	.038023	.023579	.071491	.067698	.032691	.042225	.052228	.058572	.050236	.051255
27	.009243	.013703	.011000	.019793	.014360	.029766	.012898	.013760	.019596	.016527
28	.013371	.020159	.021563	.022428	.011113	.032809	.033214	.024497	.018187	.020775
29	.003053	.004783	.005157	.010295	.005197	.004583	.011033	.037369	.004755	.009595
30	.000403	.000022	.000195	.000114	.000251	.000084	.000067	.000031	.000187	.000114
31	.015959	.013499	.023505	.028447	.017680	.019330	.025617	.077110	.021936	.030905
32	.002565	.004532	.004879	.006675	.003434	.004658	.005385	.007168	.003786	.005980
33	.004185	.002924	.006167	.011082	.003461	.006657	.029264	.012903	.009266	.006669
34	.011317	.031180	.012378	.026213	.013354	.013654	.029965	.031958	.013283	.013857
35	.007094	.002595	.017203	.042503	.004594	.004445	.046285	.016905	.004793	.021290
36	.005955	.105251	.043655	.067664	.050471	.117522	.035629	.005441	.092332	.117264

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30	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
31	.015257	.013499	.023505	.028447	.000251	.000084	.000067	.000031	.000187	.000114
32	.002263	.004532	.004879	.006675	.017680	.019330	.025817	.077110	.021936	.030905
33	.004185	.002524	.006167	.011082	.003434	.004658	.005358	.007168	.003786	.005980
34	.011317	.031180	.012378	.026213	.013554	.006657	.029264	.012903	.009266	.006669
35	.007094	.032595	.017203	.042503	.004594	.004445	.029985	.031958	.013283	.013857
36	.035955	.105251	.043855	.067864	.030471	.117522	.055829	.075441	.092332	.117264

*** 10 CAL PROGRAM 1955

DATE : 5/ 4/1988 PAGE = 10

	11	12	13	14	15	16	17	18	19	20
1	.152975	.055766	.055549	.024975	.025769	.041703	.026455	.036105	.046064	.055549
2	.038220	.356502	.130556	.156758	.115027	.152147	.064663	.055339	.056627	.049961
3	.083355	.018237	.026789	.014725	.018360	.020100	.014425	.016815	.011884	.015314
4	.019460	.010132	.016601	.009961	.011683	.064856	.020337	.020291	.023800	.036381
5	.038742	.007148	.020944	.005381	.006169	.006636	.007537	.017867	.027897	.012287
6	.020388	.0000385	.003219	.000215	.000665	.000377	.003651	.005611	.021861	.004601
7	.063348	.004522	.035474	.002995	.002373	.007915	.009997	.017855	.043253	.013999
8	.015742	.009320	.016585	.005004	.005690	.008161	.011116	.014168	.011176	.009215
9	.000480	.000295	.000420	.000304	.000372	.000347	.001023	.003543	.002194	.001289
10	.006575	.004777	.004380	.004315	.004515	.003098	.005675	.004979	.008680	.093421
11	1.372441	.039844	.045157	.022240	.023009	.035574	.026238	.043850	.040928	.051974
12	.054552	1.049973	.038824	.137340	.101204	.027992	.049298	.044028	.031419	.040094
13	.018266	.006915	1.059553	.025743	.019131	.012084	.012351	.016495	.034493	.036191
14	.020631	.026964	.016910	1.829126	1.090562	.017677	.404645	.335028	.148520	.280874
15	.020902	.018402	.016506	.160356	1.387790	.020476	.514199	.425654	.187310	.356556
16	.020212	.006074	.010817	.016112	.039351	1.322857	.148162	.102220	.248696	.068952
17	.012582	.007373	.004855	.005111	.006446	.005199	1.021330	.017649	.006797	.035969
18	.005930	.004633	.004365	.023967	.027779	.007038	.019427	1.153652	.025179	.201308
19	.002913	.001572	.001507	.002505	.002931	.001603	.005233	.032447	1.113422	.052857
20	.000431	.000170	.000216	.000112	.000145	.000134	.000128	.000205	.000172	1.041786
21	.002312	.002221	.002302	.001915	.002058	.001533	.001620	.001674	.001447	.001588
22	.000209	.000103	.000110	.000129	.000144	.000105	.000135	.000138	.000123	.000118
23	.002596	.001112	.001822	.000925	.001126	.001118	.003124	.003257	.027521	.005799
24	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
25	.063965	.028358	.048353	.049982	.042906	.048845	.032529	.029968	.033618	.032301
26	.080190	.025379	.070055	.026787	.034373	.031300	.046622	.055605	.077733	.034080
27	.024564	.015303	.018161	.009084	.010553	.010366	.009151	.015419	.011969	.013740
28	.045503	.065939	.058296	.047647	.042793	.028828	.031603	.030735	.029336	.034110
29	.009062	.005059	.006897	.003730	.006355	.005597	.004729	.005686	.006323	.007280
30	.000053	.000012	.000023	.000009	.000009	.000014	.000009	.000013	.000016	.000019
31	.049115	.019411	.024628	.012759	.016483	.015290	.014567	.023378	.019633	.020838
32	.007741	.004704	.005663	.002362	.003272	.003717	.008393	.005600	.006292	.007094
33	.055589	.003792	.015868	.003346	.003430	.004591	.006043	.011169	.034551	.008125
34	.036241	.018597	.018146	.025640	.030606	.018211	.025475	.025671	.022006	.019461
35	.008797	.001376	.010200	.003480	.007496	.223353	.025978	.018616	.044122	.014585
36	.097241	.028949	.133599	.079201	.100201	.096097	.071636	.069374	.035413	.058592

	21	22	23	24	25	26	27	28	29	30
1	.070713	.050735	.192614	.143882	.026724	.032520	.015771	.043062	.022427	.028749
2	.051963	.039160	.030238	.062938	.099682	.005302	.006378	.057226	.008135	.014200
3	.016537	.016836	.037161	.021214	.009614	.015855	.006410	.023323	.016578	.018197
4	.030745	.023933	.133624	.017333	.011067	.011927	.003979	.017387	.016261	.018191
5	.054399	.041285	.048342	.149446	.013473	.018066	.008651	.023679	.002773	.006119
6	.004366	.082911	.009336	.027369	.001774	.011379	.000739	.005863	.001656	.001623
7	.011545	.028116	.064400	.014632	.006680	.045549	.007227	.014185	.041051	.016103
8	.007879	.019360	.038406	.010255	.008314	.031065	.011177	.012394	.017003	.021414
9	.004637	.021011	.075135	.000699	.000323	.000550	.000177	.000612	.000336	.000658
10	.033193	.003772	.024410	.004176	.005702	.001936	.001847	.010206	.001326	.002256
11	.075824	.031381	.177160	.034966	.015009	.010330	.005813	.018100	.009893	.089609
12	.042618	.026590	.025508	.026620	.064620	.004802	.004093	.088116	.006661	.009326
13	.015833	.015024	.011122	.112531	.015311	.002718	.009119	.009284	.002731	.006600
14	.314518	.184247	.033526	.102150	.050535	.006552	.016543	.027307	.005473	.009723
15	.399334	.233374	.041348	.128719	.045504	.008056	.020851	.032956	.006585	.011548
16	.063298	.116267	.023264	.057711	.015696	.003420	.008002	.011263	.013465	.009694
17	.019701	.005319	.011495	.067235	.014590	.004351	.009601	.009193	.002665	.005000
18	.120447	.024397	.005182	.015777	.026311	.002453	.008399	.009082	.001782	.006919
19	.031041	.004143	.001537	.010194	.010696	.002190	.006250	.005181	.000987	.002665
20	.000166	.000301	.000328	.000194	.000149	.000525	.000150	.000522	.000330	.000217
21	1.042538	.001454	.002128	.002252	.004142	.001260	.002681	.020045	.001796	.001453
22	.000120	1.057340	.000138	.000138	.000508	.000217	.000381	.000331	.000095	.000186
23	.003375	.008300	1.050990	.005731	.001699	.005524	.001049	.002203	.002090	.006623
24	.000000	.000000	.000000	1.000000	.000000	.000000	.000000	.000000	.000000	.000000
25	.037906	.023066	.028491	.020972	1.031167	.010727	.006708	.022097	.013921	.025586
26	.076305	.079294	.080375	.065797	.026247	1.020334	.010962	.034481	.013398	.030713
27	.012510	.015859	.019853	.013780	.012350	.031743	1.023221	.022192	.011111	.011930
28	.033992	.025497	.027886	.053770	.039731	.019009	.005554	1.026859	.019901	.012301
29	.006565	.009461	.011425	.008261	.004131	.037965	.029690	.008643	1.011318	.006204
30	.000025	.000021	.000067	.000050	.000009	.000011	.000005	.000015	.000008	1.000010
31	.018974	.034303	.037414	.022067	.017019	.059877	.017046	.059474	.037647	.024745
32	.006174	.023941	.006830	.009890	.005590	.039204	.002673	.006836	.005940	.017351
33	.007508	.026102	.021668	.005887	.002662	.025090	.001066	.019196	.001359	.004882
34	.021361	.017819	.016449	.016883	.123136	.017417	.092393	.065702	.010863	.030782
35	.012675	.021452	.014727	.013081	.003461	.002527	.001858	.003454	.004103	.002976
36	.035824	.052169	.108793	.032585	.036363	.027999	.018930	.078487	.064808	.064776

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34	.017581	.017819	.016449	.016883	.123136	.017417	.092393	.065702	.010863	.030782
35	.012675	.021452	.014727	.013081	.003461	.002527	.001858	.003454	.004103	.002976
36	.055824	.052169	.108795	.032585	.036363	.027999	.018930	.078487	.064308	.064776

*** IO CAL PROGRAM 1955

DATE : 5/ 4/1955 PAGE = 10

	31	32	33	34	35	36
1	.159493	.131323	.310314	.116243	.035930	.101696
2	.013145	.027641	.026163	.049257	.002743	.019608
3	.139590	.033924	.039447	.021032	.010110	.154777
4	.018554	.152103	.045090	.018399	.167389	.076984
5	.006662	.036380	.319206	.093272	.001176	-.002327
6	.004301	.071782	.194599	.006392	.000471	-.024849
7	.027701	.457200	.482273	.015892	.007127	-.037062
8	.036256	.479700	.060875	.009510	.002174	.017827
9	.001849	.007557	.001147	.001237	.000188	.002185
10	.007553	.008277	.005499	.012712	.000413	.014941
11	.046560	.072647	.060210	.040144	.010154	.069562
12	.010072	.017415	.017000	.028799	.001691	.018758
13	.006259	.009213	.007373	.098294	.000593	.017612
14	.012703	.023588	.032042	.177534	.001187	.023384
15	.015422	.028390	.039797	.224943	.001404	.029084
16	.005504	.017317	.008954	.031500	.003209	.021343
17	.009162	.023693	.016993	.103738	.000806	.009872
18	.005392	.005306	.004664	.091541	.000711	.005313
19	.002158	.025696	.001788	.068315	.000223	.001428
20	.009323	.000467	.000258	.000157	.000027	.000584
21	.006160	.002475	.002868	.027853	.000281	.005358
22	.001122	.002482	.000129	.004025	.000043	.000132
23	.006122	.098472	.009113	.007854	.000372	.004486
24	.000000	.000000	.000000	.000000	.000000	.000000
25	.027035	.036235	.032277	.022533	.002370	.010653
26	.034204	.152322	.129101	.073020	.011194	.065147
27	.026353	.018705	.021272	.011897	.002075	.044925
28	.020157	.037820	.034161	.040324	.003035	.037100
29	.022710	.023902	.009842	.006590	.001163	.006145
30	.000055	.030046	.000108	.000040	.000012	.000035
31	1.062777	.053192	.029378	.017920	.003113	.066614
32	.011970	1.009584	.007451	.007102	.000828	.003932
33	.005521	.016917	1.014360	.008025	.001193	.004923
34	.014343	.026024	.019484	1.030106	.002659	.011620
35	.005687	.020635	.018127	.016014	1.004469	.006706
36	.038303	.124218	.161141	.034303	.006909	1.011389

9-3 Inverse matrix, 1960

INVERSE MATRIX OF (I - (I - MSAR) * A)

*** IO CAL PROGRAM 1960

DATE : 5/ 4/1988 PAGE = 10

	1	2	3	4	5	6	7	8	9	10
1	1.133484	.046540	.533715	.265607	.626275	.125255	.156455	.060988	.235723	.277386
2	.008029	1.021542	.011921	.017604	.010254	.020359	.035151	.016758	.017806	.021349
3	.056797	.006377	1.168615	.030145	.033363	.013327	.015577	.009647	.444374	.021920
4	.033490	.013239	.023416	1.666236	.028596	.062440	.030745	.021955	.170281	.282807
5	.005344	.008771	.011191	.009665	1.118195	.181137	.048703	.019905	.013756	.009796
6	.000923	.004430	.001462	.003020	.001583	1.010943	.002355	.001686	.002000	.002179
7	.013946	.021675	.032116	.042469	.022387	.034520	1.666265	.532773	.039489	.048255
8	.002833	.016127	.006643	.014133	.005263	.011718	.081975	1.070983	.010211	.011344
9	.000503	.000523	.000693	.012563	.000683	.001155	.000839	.001167	1.162918	.002568
10	.002099	.002973	.002395	.007494	.002606	.006543	.002445	.002161	.008381	1.044838
11	.035959	.041419	.004421	.250512	.074251	1.24983	.093599	.091257	.137247	.211363
12	.022439	.040196	.025083	.029603	.024992	.030098	.036656	.020975	.031142	.041172
13	.004725	.006065	.017711	.006097	.005677	.013827	.006866	.004841	.013350	.015201
14	.009450	.028632	.017334	.019292	.019763	.109995	.018344	.015840	.031401	.021610
15	.012799	.039118	.023166	.025966	.026520	.149522	.024595	.021353	.042034	.029341
16	.003618	.007322	.006676	.007307	.006450	.027753	.006547	.011428	.014437	.008454
17	.005994	.011648	.014000	.011547	.017737	.068425	.008828	.005571	.053940	.017538
18	.010002	.026632	.014138	.017323	.014705	.011960	.016579	.018276	.013638	.027286
19	.005347	.019310	.009840	.013900	.009529	.010294	.015419	.014503	.013533	.010739
20	.001011	.001742	.001065	.000979	.001347	.001025	.001147	.000947	.001499	.000955
21	.010597	.018254	.011155	.010254	.014117	.010736	.012013	.009922	.015711	.010007
22	.000774	.002359	.001122	.001313	.001137	.001570	.001833	.003119	.001380	.001508
23	.004113	.003805	.005812	.007695	.003440	.022248	.003739	.005247	.047851	.018134
24	.009875	.024153	.010572	.012731	.010657	.018857	.014933	.011758	.019684	.011951
25	.009952	.066113	.018369	.036373	.018725	.029304	.096508	.043347	.027145	.035372
26	.026073	.034359	.059437	.039591	.057345	.112321	.064608	.063196	.103296	.079064
27	.018261	.021406	.022516	.032009	.027255	.033529	.039745	.040116	.031835	.031707
28	.002508	.004620	.004493	.008091	.004170	.021299	.008480	.007975	.006995	.007784
29	.019173	.029392	.038437	.040581	.043370	.052025	.070682	.061762	.041447	.039398
30	.002377	.013431	.006124	.010473	.005742	.017282	.010536	.018442	.010334	.007863
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.001262	.002932	.002064	.004982	.002490	.005619	.009221	.017114	.003316	.009485
33	.006551	.011619	.017160	.018262	.010231	.022673	.015133	.014320	.019509	.018893
34	.003154	.030554	.004985	.018489	.006262	.015204	.011140	.006548	.008175	.012068
35	.001353	.001501	.002565	.009505	.004204	.004651	.020903	.011796	.004937	.013067
36	.025503	.042732	.007273	.055070	.005953	.042466	.065334	.054157	.063228	.039716

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*** IO CAL PROGRAM 1960

DATE : 5/ 4/1988 PAGE = 10

30	.002377	.013431	.006124	.010473	.005742	.017282	.010536	.018442	.010534	.007868
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.001262	.002932	.002064	.004982	.002490	.005619	.009221	.017114	.003316	.009485
33	.006551	.011619	.017180	.018262	.010231	.022673	.015133	.014320	.019509	.018893
34	.003154	.030554	.004983	.018489	.006262	.015204	.011140	.006548	.008175	.012068
35	.001353	.001501	.002503	.009505	.004204	.004651	.020903	.011796	.004937	.013067
36	.025503	.042732	.057273	.055070	.055958	.042486	.065334	.054157	.063228	.039716

*** IO CAL PROGRAM 196J

DATE : 5/ 4/1968 PAGE = 10

	11	12	13	14	15	16	17	18	19	20
1	.110921	.025334	.032955	.018465	.016774	.020344	.020386	.022792	.030587	.046159
2	.047765	.201900	.092391	.118363	.074337	.155078	.042505	.029667	.037551	.029343
3	.034649	.005406	.008463	.006181	.005639	.005664	.005931	.008475	.011593	.009020
4	.021332	.011665	.023312	.014306	.011382	.013049	.016663	.021612	.025183	.046013
5	.012475	.007636	.017946	.006315	.006564	.008146	.010754	.011339	.011082	.009938
6	.033320	.002317	.003109	.002781	.002902	.003820	.003002	.008567	.012304	.004959
7	.121375	.017578	.065492	.018221	.019609	.023765	.021103	.025636	.049304	.029824
8	.016269	.007165	.013388	.008475	.009455	.012487	.011165	.014230	.019135	.013165
9	.001084	.000587	.000810	.000731	.000382	.000622	.000723	.002648	.001567	.001260
10	.003277	.002036	.002359	.003485	.003577	.002361	.003607	.010189	.014999	.108439
11	1.435626	.033475	.051776	.036276	.042068	.028169	.042125	.043339	.068656	.062268
12	.062934	1.046114	.065405	.145823	.103494	.042606	.048382	.042420	.038841	.039059
13	.014677	.004583	1.088687	.030316	.024500	.016657	.016249	.016505	.032737	.029074
14	.023771	.017347	.043492	1.825385	1.005620	.019389	.296554	.239995	.126066	.135008
15	.031355	.023957	.059224	.028473	1.374521	.028357	.395614	.339752	.151361	.267146
16	.020672	.005316	.014324	.016207	.024308	1.513037	.156072	.060664	.136243	.072734
17	.015546	.008137	.007135	.005664	.008001	.007209	1.035383	.030355	.017385	.030206
18	.020499	.015876	.025615	.020532	.026337	.025919	.017695	1.241745	.047045	.123702
19	.023388	.014190	.017300	.021071	.019503	.022254	.015703	.076969	1.280554	.080253
20	.001171	.000906	.001466	.001381	.001252	.001193	.001086	.001266	.001188	1.243840
21	.012274	.009493	.015357	.014465	.013122	.012500	.011379	.013266	.012453	.011195
22	.002356	.001345	.001938	.001773	.001785	.002139	.001738	.008159	.011075	.003508
23	.011312	.004908	.003282	.002916	.002931	.003323	.004768	.011727	.025940	.014966
24	.017703	.011936	.019212	.013054	.012413	.014196	.014908	.011947	.013567	.013693
25	.071491	.023008	.066558	.071601	.056859	.065663	.035907	.034707	.039295	.037285
26	.066827	.022047	.054505	.061985	.065013	.063805	.075735	.073983	.078688	.079111
27	.035380	.022568	.037613	.020113	.020680	.025977	.024639	.026382	.035571	.031747
28	.008917	.005652	.009571	.005343	.005380	.005047	.007355	.009383	.009467	.007582
29	.060280	.039119	.075483	.063436	.056262	.050402	.049385	.050375	.049077	.050537
30	.011799	.008222	.012197	.011255	.012390	.010127	.013730	.015372	.014340	.012895
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.011569	.003083	.004797	.004375	.006183	.001969	.007789	.004055	.006697	.004033
33	.039304	.008071	.013665	.009694	.011553	.011255	.010683	.018635	.036450	.018275
34	.017454	.012751	.016460	.014303	.017003	.024689	.017871	.025913	.033511	.022292
35	.009994	.001118	.002839	.002530	.004536	.007703	.003358	.003347	.005576	.004419
36	.078351	.058769	.076040	.076679	.056359	.059331	.060080	.074195	.074613	.065775

	21	22	23	24	25	26	27	28	29	30
1	.047839	.062134	.113211	.095554	.014156	.014595	.010390	.005623	.015499	.013075
2	.025642	.022705	.028597	.036713	.077922	.007864	.004098	.002517	.026927	.006283
3	.009244	.020389	.027116	.010295	.004725	.007086	.004078	.000964	.005546	.005636
4	.042305	.049163	.035291	.033488	.008585	.008583	.006446	.001967	.020180	.019526
5	.026502	.012405	.036909	.128207	.008119	.010063	.008454	.006749	.006541	.004875
6	.005513	.003303	.003391	.014656	.003230	.003153	.002174	.000851	.002978	.001933
7	.025754	.059791	.117416	.030376	.012693	.028694	.012258	.002223	.013733	.020218
8	.011734	.016713	.017190	.010811	.007216	.015503	.013661	.001009	.008069	.018495
9	.001983	.013112	.009662	.000943	.000400	.000338	.000294	.000059	.000693	.001306
10	.078309	.005093	.003051	.005427	.002064	.001996	.000962	.000320	.008559	.002994
11	.067851	.055302	.361601	.048378	.016834	.010942	.008559	.002920	.019755	.019172
12	.036682	.028553	.043044	.050229	.039582	.025749	.006808	.004003	.091421	.013948
13	.015536	.022379	.016724	.105618	.009018	.003603	.006853	.005555	.004364	.004371
14	.170137	.077571	.048147	.126674	.018296	.011173	.011604	.006819	.025730	.017352
15	.245495	.119122	.065021	.172959	.026279	.015183	.015609	.009306	.035709	.022884
16	.052762	.030346	.040550	.033976	.012102	.003447	.003034	.001862	.007424	.004483
17	.033595	.011305	.015900	.093850	.007661	.007403	.006132	.004948	.008115	.003882
18	.151751	.055696	.017517	.052141	.013687	.006053	.004929	.002860	.018979	.006802
19	.066377	.025559	.017502	.077192	.065648	.006320	.007495	.004404	.013797	.015671
20	.138294	.000967	.001171	.002213	.000888	.001864	.000372	.000134	.009130	.001034
21	1.134725	.010133	.012274	.023191	.009302	.019534	.003901	.001402	.095666	.010832
22	.008084	1.134717	.002150	.004719	.004204	.001655	.001075	.000305	.002253	.001158
23	.014464	.018241	1.040917	.013613	.003095	.002779	.001735	.000769	.003109	.002300
24	.013016	.013171	.014233	1.011416	.044495	.017651	.056017	.052587	.014609	.012426
25	.035722	.031304	.042343	.027519	1.023558	.015412	.008693	.006012	.025754	.015203
26	.033657	.074541	.088793	.089555	.020950	1.034441	.010920	.005276	.028770	.013234
27	.029262	.032590	.037505	.030279	.018465	.053567	1.027090	.018452	.027431	.017077
28	.007500	.011097	.012897	.008832	.007343	.026013	.019428	1.000869	.013440	.008417
29	.047792	.045214	.054627	.070594	.044510	.037049	.014979	.004230	1.067651	.033645
30	.012131	.015446	.023681	.016391	.008023	.016524	.015800	.001526	.013433	1.007269
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.003934	.007659	.005046	.007306	.002909	.001542	.003166	.000563	.002006	.001351
33	.018117	.060020	.029093	.015770	.016414	.027490	.014956	.003190	.013654	.005461
34	.020541	.021086	.018358	.015786	.012217	.020489	.010031	.001065	.013688	.003887
35	.004107	.004135	.024403	.003647	.001563	.018324	.000602	.000219	.001204	.000978
36	.062124	.077576	.090448	.056944	.030377	.027981	.028151	.003881	.056431	.088322

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DATE : 5/ 4/1988 PAGE = 10

	31	32	33	34	35	35
1	.000000	.026511	.122526	.076201	.254126	.103506
2	.000000	.039201	.011369	.020995	.023349	.035397
3	.000000	.018151	.167992	.014293	.019556	.053533
4	.000000	.007701	.016964	.042249	.125352	.149406
5	.000000	.005680	.011761	.045393	.303752	.033950
6	.000000	.004380	.004720	.115614	.002326	.012268
7	.000000	.027534	.047037	.410307	.804386	.086580
8	.000000	.021819	.060985	.367326	.043796	.014030
9	.000000	.030417	.000946	.002326	.001695	.008594
10	.000000	.004316	.003076	.004234	.002985	.021626
11	.000000	.078260	.033137	.093450	.091587	.148159
12	.000000	.014707	.021933	.030315	.034437	.071726
13	.000000	.005292	.009711	.015346	.006400	.035767
14	.000000	.008219	.017366	.043327	.027023	.171647
15	.000000	.011340	.023359	.058881	.036536	.223253
16	.000000	.035473	.007070	.017012	.007647	.033253
17	.000000	.005180	.010403	.017202	.013271	.027035
18	.000000	.005993	.010935	.037155	.014342	.051493
19	.000000	.006984	.016033	.019602	.012555	.108801
20	.000000	.000669	.000619	.001571	.001584	.005545
21	.000000	.007012	.008585	.016460	.016592	.058106
22	.000000	.012254	.012405	.047003	.001635	.008226
23	.000000	.010490	.011527	.056076	.035103	.012179
24	.000000	.018804	.017841	.015566	.013782	.031016
25	.000000	.023964	.034447	.040744	.057299	.042467
26	.000000	.040699	.041750	.237507	.179140	.078307
27	.000000	.021953	.025371	.043626	.036456	.085413
28	.000000	.008417	.025205	.013356	.009670	.007905
29	.000000	.031331	.031177	.066821	.097213	.093493
30	.000000	.019989	.017177	.017084	.010429	.028439
31	1.000000	.000000	.000000	.000000	.000000	.000000
32	.000000	1.005266	.004766	.008704	.005772	.003996
33	.000000	.010404	1.075047	.021037	.015711	.020124
34	.000000	.004341	.010049	1.013177	.011700	.012890
35	.000000	.001942	.002307	.013013	1.014553	.006323
36	.000000	.013957	.059196	.113357	.057162	1.047420

9-4 Inverse matrix, 1965

INVERSE MATRIX OF (I - (I - M \bar{B} A \bar{R}) * A)

*** IO CAL PROGRAM 1965

DATE : 5/ 4/1988 PAGE = 10

	1	2	3	4	5	6	7	8	9	10
1	1.148557	.024241	.475482	.137652	.564772	.122149	.101619	.036296	.137066	.134105
2	.005223	1.016610	.006718	.008443	.005673	.011465	.013117	.006332	.007040	.011311
3	.031340	.004531	1.166750	.028759	.044603	.015186	.014190	.007976	.352315	.019213
4	.025561	.009183	.017827	1.605253	.018753	.076339	.021197	.021936	.165100	.234222
5	.005482	.007362	.011463	.012973	1.144364	.207853	.070867	.022801	.011331	.011097
6	.002165	.003938	.003454	.003681	.002006	1.009274	.004090	.003828	.003573	.003495
7	.015443	.015642	.038315	.048942	.023256	.045461	1.715666	.433758	.033549	.060410
8	.003586	.014711	.009324	.016967	.006031	.013667	.107728	1.079424	.011206	.013356
9	.000335	.000205	.000324	.014302	.000274	.001139	.000392	.000913	1.176201	.002365
10	.002113	.004517	.002313	.007299	.001914	.006561	.002327	.002764	.021427	1.063649
11	.078913	.032437	.090709	.251969	.072647	.093303	.081719	.068142	.101916	.261125
12	.024753	.073190	.025271	.028649	.025095	.030904	.034273	.017340	.024000	.035622
13	.005581	.003795	.017007	.004764	.004845	.013041	.004856	.003483	.009585	.010245
14	.005470	.018334	.008326	.008721	.007632	.062719	.006377	.005880	.016469	.016867
15	.008519	.026338	.013523	.013520	.011866	.095180	.009964	.009207	.025032	.025853
16	.003249	.005383	.005901	.006024	.004192	.021536	.004355	.010759	.008495	.007580
17	.007469	.013979	.019493	.014777	.011203	.093816	.008432	.005994	.051880	.029190
18	.012329	.025044	.013084	.016444	.014573	.013604	.014664	.015110	.011724	.021781
19	.005542	.020109	.007665	.009685	.005173	.006579	.007680	.009636	.009333	.009084
20	.001307	.001389	.001643	.001290	.001306	.001207	.001253	.001228	.001963	.001388
21	.010684	.021642	.011251	.011458	.012877	.011459	.011284	.009075	.016736	.010354
22	.001023	.002673	.001555	.002274	.001146	.001969	.002858	.004581	.001593	.002010
23	.005474	.004830	.009730	.011138	.006038	.033412	.005164	.010741	.055390	.028657
24	.009851	.017657	.009591	.011850	.010064	.014795	.013003	.010691	.017650	.011051
25	.009775	.053036	.019027	.034417	.018880	.030080	.074300	.031856	.024007	.041240
26	.031719	.035882	.064776	.100928	.067475	.116426	.071283	.063829	.112559	.081112
27	.026232	.027331	.027321	.045222	.032606	.041378	.058948	.038337	.044506	.044953
28	.003304	.005439	.005330	.009338	.005752	.018386	.010723	.008259	.007359	.009166
29	.025331	.028559	.041256	.054086	.042073	.050642	.066064	.051973	.043519	.046131
30	.003552	.012761	.006480	.013168	.006013	.012764	.014582	.027237	.011410	.012971
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.001402	.003157	.002411	.004781	.002276	.004152	.008505	.013663	.003060	.009302
33	.007622	.013233	.020240	.023638	.012223	.026660	.019111	.017672	.020969	.027970
34	.003195	.023695	.006167	.017301	.006050	.015194	.021910	.015938	.008342	.012020
35	.001605	.000971	.002303	.020407	.002589	.003652	.015120	.008814	.006111	.013380
36	.025272	.011955	.040673	.021147	.016550	.016981	.019984	.027283	.035979	.028193

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*** IO CAL PROGRAM 1965

DATE : 5/ 4/1988 PAGE = 10

31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.001402	.003157	.002411	.004781	.002276	.004152	.008505	.013663	.003060	.009302	.012971	.000000
33	.007622	.013233	.020240	.023538	.012223	.026660	.019111	.017672	.020969	.027970	.015938	.008342
34	.003195	.023695	.006167	.017301	.006050	.015194	.021910	.015938	.008342	.012020	.008814	.006111
35	.001605	.000971	.002303	.020407	.002589	.003652	.015120	.008814	.006111	.013380	.027283	.035979
36	.025272	.011955	.040678	.021147	.016550	.016981	.019984	.027283	.035979	.028193		

*** IO CAL PROGRAM 1765

DATE : 5/ 4/1983 PAGE = 10

	11	12	13	14	15	16	17	18	19	20
1	.035044	.013031	.022783	.011110	.015433	.013080	.015220	.017693	.021329	.023165
2	.024527	.149355	.050794	.122694	.068571	.121675	.025175	.018727	.024369	.019955
3	.032399	.003065	.006025	.003531	.004990	.003667	.004367	.006996	.009444	.006883
4	.014240	.005235	.018172	.006304	.010213	.008090	.013215	.016425	.018143	.026514
5	.011552	.004925	.018666	.004762	.009523	.009594	.011695	.011073	.012697	.010325
6	.004593	.002359	.004356	.002331	.004024	.003353	.004260	.009262	.014008	.004946
7	.107743	.011792	.065783	.013057	.016462	.014862	.021299	.021287	.041651	.026811
8	.017463	.005517	.015522	.007631	.008011	.008292	.012463	.011968	.017341	.013448
9	.000482	.000133	.000303	.000166	.000235	.000180	.000311	.001247	.000717	.000822
10	.003401	.001420	.002042	.002531	.003719	.002209	.006534	.010351	.006505	.071402
11	1.397596	.019718	.039650	.029340	.033772	.021298	.052518	.033008	.055171	.051027
12	.067056	1.037735	.071921	.191747	.123210	.041506	.048701	.037726	.034862	.035427
13	.011390	.002305	1.109311	.034766	.022131	.013714	.014263	.013199	.023970	.024401
14	.010195	.006454	.024108	1.828174	.916241	.008814	.221611	.145015	.077501	.124844
15	.015723	.009703	.037340	.013322	1.395524	.013331	.330631	.237963	.126357	.218652
16	.016753	.003190	.009251	.022901	.028792	1.478081	.068520	.053873	.170503	.079979
17	.017601	.008529	.010496	.006660	.009391	.009311	1.066674	.035016	.024616	.029558
18	.020849	.012385	.027609	.022105	.033927	.019553	.016411	1.242353	.037235	.141718
19	.018162	.009351	.012526	.015134	.017259	.018128	.010594	.006092	1.279102	.062350
20	.001586	.000946	.001762	.001541	.001997	.001489	.001529	.003238	.001399	1.366460
21	.011103	.007270	.014303	.016216	.015753	.012634	.011949	.012231	.010326	.010878
22	.002681	.001227	.002425	.001695	.002043	.001858	.002361	.008628	.007711	.009507
23	.014929	.004335	.004310	.003097	.003619	.003218	.008627	.016239	.036573	.033574
24	.015159	.006985	.014163	.012380	.012215	.012142	.010341	.009861	.011552	.011654
25	.064745	.014691	.057637	.035517	.068215	.077590	.035577	.035127	.034250	.038332
26	.066152	.016295	.057782	.033304	.082340	.057259	.077493	.074446	.078619	.030537
27	.050113	.022369	.049122	.031372	.037279	.041032	.036669	.037553	.049036	.041900
28	.010740	.005490	.009259	.008535	.009466	.005367	.008440	.012799	.011261	.007636
29	.052635	.031212	.062494	.064910	.056905	.058275	.048908	.052553	.049353	.051763
30	.012014	.006758	.010919	.011368	.015067	.009218	.011222	.016098	.016713	.013337
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.009762	.002359	.005300	.004751	.006395	.002462	.005875	.005607	.005205	.003581
33	.042999	.006178	.014104	.011071	.013440	.010183	.010887	.025136	.041301	.023481
34	.016321	.008280	.016474	.009672	.009694	.011435	.018053	.015431	.023293	.018940
35	.006254	.001031	.011491	.001604	.004344	.005213	.004671	.002623	.004373	.003514
36	.037539	.019374	.033759	.020417	.039843	.026629	.031578	.037535	.027817	.022611

	21	22	23	24	25	26	27	28	29	30
1	.027300	.043775	.095502	.055759	.010192	.010431	.008528	.003352	.008879	.002979
2	.015699	.013023	.014873	.025471	.037243	.005378	.002452	.001478	.015127	.001624
3	.036357	.017373	.023169	.009035	.004193	.006332	.003477	.000698	.003030	.001070
4	.030014	.035771	.044316	.028042	.007353	.007124	.005031	.001430	.015431	.006152
5	.025645	.011867	.062285	.105944	.006200	.006354	.007974	.005000	.006047	.001747
6	.005331	.005223	.004143	.019763	.004352	.003763	.003126	.001014	.002952	.001242
7	.019916	.090043	.111085	.027775	.011175	.024688	.010368	.001755	.011203	.008629
8	.009660	.020462	.018145	.012135	.007020	.017139	.013708	.000939	.007503	.011998
9	.001520	.010789	.007350	.000492	.000181	.000209	.000110	.000026	.000335	.000458
10	.037980	.003920	.002877	.003684	.001495	.001943	.000684	.000192	.007184	.000677
11	.055000	.052322	.322473	.038252	.014335	.008416	.006297	.001989	.012253	.003393
12	.032553	.027905	.038674	.046634	.065842	.027520	.006378	.003488	.084007	.006547
13	.010493	.018363	.014600	.104539	.006397	.003957	.007276	.004903	.002905	.001173
14	.116911	.052252	.018986	.076702	.008383	.006913	.006135	.003640	.015326	.002040
15	.190778	.035019	.029016	.120351	.013147	.010857	.009566	.005710	.024772	.003238
16	.042740	.057250	.031447	.020988	.007030	.002886	.002241	.001028	.005934	.001453
17	.038537	.012662	.024674	.098848	.007361	.010393	.007500	.004671	.008323	.001623
18	.122413	.050982	.015840	.039989	.010855	.006013	.004165	.001959	.020310	.002309
19	.048396	.022634	.010293	.062561	.038334	.004574	.005960	.003097	.008777	.006424
20	.035503	.001507	.001422	.002017	.001117	.002445	.000566	.000113	.009302	.000606
21	1.131040	.009350	.010677	.017978	.008139	.029155	.003216	.000999	1.20593	.006685
22	.009503	1.156464	.002347	.003422	.003323	.002385	.001282	.000207	.002597	.000572
23	.016493	.027703	1.071752	.015520	.003394	.003599	.002202	.000775	.003506	.000872
24	.011329	.010307	.010625	1.009043	.035763	.016727	.064460	.047030	.012206	.007750
25	.030235	.029314	.037163	.026982	1.022702	.017297	.007760	.004855	.021844	.009990
26	.038156	.075572	.093180	.097090	.020583	1.033272	.010898	.005058	.026427	.005796
27	.047591	.040157	.044083	.038629	.019085	.071976	1.031663	.015538	.028651	.013613
28	.008414	.011343	.011594	.011237	.008427	.029480	.019699	1.000850	.013819	.007234
29	.045152	.044160	.050646	.065702	.032450	.046936	.016047	.003490	1.080698	.032275
30	.012314	.015395	.016973	.014490	.006384	.019325	.014600	.001224	.013169	1.005025
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.003792	.006002	.004345	.005324	.005533	.002276	.003747	.000418	.002006	.000779
33	.019161	.062263	.025021	.016287	.016349	.035514	.015454	.002486	.011995	.003411
34	.012784	.021242	.016914	.015935	.010163	.020368	.009181	.000916	.010548	.002647
35	.002806	.003795	.025897	.003387	.001027	.001793	.000703	.000175	.002419	.000395
36	.024077	.036344	.031014	.031334	.025432	.012778	.016503	.001856	.011117	.005208

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*** IO CAL PROGRAM 1985

DATE : 5/ 4/1988 PAGE = 10

	31	32	33	34	35	36
1	.000000	.020373	.104363	.053907	.207943	.159762
2	.000000	.005159	.035413	.008326	.010413	.015637
3	.000000	.017737	.155322	.011093	.021430	.052996
4	.000000	.037744	.013796	.036399	.115420	.146513
5	.000000	.006333	.009414	.049899	.323148	.037931
6	.000000	.006349	.006054	.112925	.003365	.062450
7	.000000	.026909	.038901	.376529	.834244	.117464
8	.000000	.020485	.090670	.431315	.056667	.022524
9	.000000	.000304	.000360	.001849	.001385	.002981
10	.000000	.004266	.001562	.003306	.002660	.021423
11	.000000	.108933	.038171	.075698	.084027	.128784
12	.000000	.016974	.021032	.026337	.032931	.063382
13	.000000	.005313	.007297	.010223	.005009	.031443
14	.000000	.004341	.006584	.018682	.015122	.059632
15	.000000	.007545	.010160	.029141	.023308	.088678
16	.000000	.005219	.004649	.014451	.005360	.041124
17	.000000	.006531	.011362	.021982	.012361	.055182
18	.000000	.005963	.008606	.027476	.013392	.063423
19	.000000	.006163	.010699	.010227	.006363	.105777
20	.000000	.000331	.001136	.001784	.001697	.021863
21	.000000	.007095	.007173	.015626	.017694	.027329
22	.000000	.010655	.007956	.082550	.002240	.017641
23	.000000	.012675	.011523	.072837	.037305	.026643
24	.000000	.016383	.013561	.012450	.012166	.014161
25	.000000	.022462	.031404	.032945	.046732	.050998
26	.000000	.044373	.038751	.270317	.171381	.061032
27	.000000	.026469	.032542	.047889	.049589	.101551
28	.000000	.008340	.020355	.014364	.011292	.009250
29	.000000	.028241	.028177	.066347	.095442	.062534
30	.000000	.016315	.018644	.020192	.012505	.039420
31	1.000000	.000000	.000000	.000000	.000000	.000000
32	.000000	1.000307	.004494	.008035	.005437	.014004
33	.000000	.010323	1.063236	.025774	.018770	.038308
34	.000000	.004783	.009332	1.017381	.016273	.010892
35	.000000	.001680	.001937	.007941	1.010216	.022877
36	.000000	.015042	.030420	.029760	.018129	1.021385

9-5 Inverse matrix, 1970

INVERSE MATRIX OF (I - (I - M_{BAR}) * A)

*** IO CAL PROGRAM 1970

DATE : 5/ 4/1988 PAGE = 10

	1	2	3	4	5	6	7	8	9	10
1	1.156945	.009372	.422734	.122581	.480547	.134642	.072793	.023418	.132034	.088806
2	.004267	1.016511	.005189	.006196	.004267	.008003	.008926	.004396	.005891	.008023
3	.079543	.002558	1.175868	.021288	.045523	.016307	.011565	.007706	.294651	.014360
4	.018396	.038505	.011376	1.535509	.014142	.057384	.017636	.019080	.155795	.149483
5	.006168	.005563	.009293	.009964	1.137931	.297164	.091014	.024236	.010439	.009171
6	.001122	.002179	.001471	.002718	.001266	1.013406	.003517	.002979	.001848	.001919
7	.020508	.009904	.032183	.049244	.025401	.047697	1.700236	.392872	.031063	.048421
8	.004945	.008368	.010565	.015310	.006463	.013328	.113176	1.159512	.011566	.011973
9	.000237	.000193	.000239	.011080	.000223	.000847	.000393	.000747	1.157732	.001447
10	.001564	.005057	.001365	.006823	.001385	.004935	.001834	.001806	.008523	1.063522
11	.069053	.021624	.030863	.247719	.060252	.066647	.072769	.058116	.092382	.314708
12	.025143	.111532	.023571	.029082	.023083	.028668	.035327	.016736	.027319	.036215
13	.006870	.003390	.019397	.005054	.005046	.011556	.005147	.003454	.009376	.010986
14	.005051	.016351	.007253	.008700	.007810	.057292	.006974	.005117	.014314	.016765
15	.009006	.029951	.012396	.015430	.013810	.099377	.012374	.009096	.025410	.029458
16	.002420	.005648	.004865	.005346	.003493	.013806	.004387	.009819	.007156	.007072
17	.007243	.021019	.016619	.014346	.011063	.062331	.008476	.005260	.041988	.027475
18	.012169	.026460	.010976	.014326	.013176	.013878	.014095	.010567	.009544	.018467
19	.003205	.016323	.003732	.007791	.003689	.005090	.005720	.007130	.006125	.006927
20	.001063	.004040	.000963	.001103	.001161	.001136	.001195	.000866	.001417	.001130
21	.008762	.036773	.007905	.008691	.009537	.009148	.009725	.006982	.012850	.008249
22	.000534	.001305	.000939	.001526	.000810	.001476	.001944	.002970	.001219	.001170
23	.007461	.004753	.012121	.018352	.007654	.041842	.009024	.016222	.072493	.059252
24	.012233	.013244	.010319	.011985	.010331	.013678	.012638	.011055	.017749	.012116
25	.008283	.030313	.016286	.029946	.017629	.025012	.059602	.025374	.021966	.034820
26	.034103	.044197	.070969	.098037	.059655	.123496	.080769	.073439	.115923	.081689
27	.027697	.026186	.029669	.053636	.031786	.035338	.050100	.038167	.036723	.056783
28	.003343	.007714	.006933	.008482	.005140	.009377	.010716	.010132	.009673	.009199
29	.021174	.027387	.034219	.039360	.040944	.036832	.048626	.040426	.032302	.038617
30	.003131	.007995	.007402	.012708	.007559	.013888	.010165	.007933	.010717	.008377
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.000549	.001421	.001520	.002599	.000856	.001920	.002407	.001973	.002279	.002211
33	.007514	.011229	.028806	.024346	.015119	.025673	.022569	.036568	.024856	.021697
34	.004942	.010563	.006304	.014008	.005363	.012548	.019598	.016580	.006344	.009237
35	.003213	.000963	.008853	.024689	.003505	.014540	.014828	.007189	.009704	.013935
36	.023553	.033797	.036384	.059760	.031505	.052538	.070369	.050731	.070401	.035304

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*** IO CAL PROGRAM 1970

DATE : 5/ 4/1988 PAGE = 10

11 12 13 14 15 16 17 18 19 20

30	.003131	.007795	.007402	.012708	.007559	.013888	.010165	.007933	.032302	.058817
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.010717	.008377
32	.000547	.001421	.001520	.002599	.000856	.001920	.002407	.001973	.002279	.000000
33	.007514	.011227	.028806	.024346	.015119	.025673	.022569	.036568	.024856	.002211
34	.004942	.010563	.006304	.014008	.005363	.012548	.019598	.016580	.006344	.021697
35	.003213	.000968	.008853	.024689	.003505	.014540	.014828	.007189	.009704	.009237
36	.023553	.033797	.036384	.059760	.031505	.052538	.070369	.050731	.070401	.013935
										.035304

*** 10 CAL PROGRAM 177J

DATE : 5/ 4/1983 PAGE = 10

	11	12	13	14	15	16	17	18	19	20
1	.035440	.006565	.012052	.005546	.007207	.006355	.008399	.008207	.012904	.011855
2	.016681	.127323	.057420	.097937	.049254	.094533	.021405	.014901	.016438	.014613
3	.025074	.002169	.003844	.002483	.002712	.002721	.003134	.004731	.007609	.004517
4	.011381	.005402	.012456	.005952	.008391	.007025	.010931	.009181	.013362	.015593
5	.009487	.002910	.015798	.003531	.007154	.008106	.009816	.007122	.012373	.008699
6	.002370	.001362	.002620	.001519	.001771	.001931	.001725	.005098	.016687	.003196
7	.073982	.009071	.063819	.010469	.013249	.014150	.019561	.019245	.037427	.020836
8	.015143	.004949	.015409	.006273	.007055	.007725	.008952	.011997	.016591	.010104
9	.000590	.000159	.000241	.000160	.000230	.000191	.000273	.000782	.000716	.000614
10	.002729	.001357	.001515	.001377	.002397	.001533	.004238	.011384	.004310	.049035
11	1.383059	.016158	.032464	.023943	.023853	.014887	.023785	.024480	.044458	.042759
12	.073480	1.049140	.059844	.221491	.123285	.038074	.053089	.038197	.027715	.032972
13	.011965	.002774	1.123273	.032174	.018814	.015961	.016636	.011927	.024024	.020767
14	.009225	.006076	.025104	1.809478	.812720	.007608	.228799	.147051	.055093	.114178
15	.016454	.010303	.043846	.011756	1.394005	.013316	.407434	.266679	.104731	.225782
16	.013388	.002728	.007001	.021835	.023713	1.461174	.077468	.054336	.149513	.074419
17	.015140	.008729	.008569	.006402	.007699	.008016	1.068907	.027734	.021874	.034980
18	.021063	.012009	.028996	.015249	.029442	.020264	.015677	1.294188	.036183	.151624
19	.016135	.007314	.009068	.012283	.012691	.014281	.010125	.098151	1.329561	.076534
20	.001149	.000972	.001739	.001315	.001383	.001263	.001053	.024287	.001332	1.341739
21	.007959	.007302	.012577	.010749	.008375	.009337	.007965	.011587	.007057	.007326
22	.001505	.000752	.001495	.001061	.001239	.001193	.001101	.009560	.005981	.011775
23	.021097	.005257	.007333	.003631	.004459	.004751	.009570	.015491	.038193	.034567
24	.014972	.007026	.013435	.011031	.010283	.010232	.010234	.009230	.010674	.009153
25	.053612	.013222	.044017	.071549	.053234	.062975	.051633	.026051	.026744	.031659
26	.065354	.027620	.076521	.030532	.079615	.056015	.084464	.107903	.093998	.092215
27	.054455	.028074	.045370	.031505	.032730	.045515	.036209	.042005	.046264	.038268
28	.011663	.006074	.010667	.008402	.008329	.007567	.009193	.009227	.010701	.008367
29	.058323	.023301	.063145	.055193	.041575	.034206	.034426	.032930	.028417	.030859
30	.013286	.006422	.010669	.010320	.011537	.009499	.011772	.010496	.016656	.011340
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.003699	.001359	.002073	.002555	.002935	.002005	.002370	.002612	.002289	.002780
33	.041126	.009608	.016160	.012342	.014521	.014091	.015669	.028552	.047150	.022497
34	.013514	.005382	.013372	.005673	.006344	.008755	.007153	.015310	.021302	.011502
35	.007675	.001063	.017442	.001572	.003631	.005466	.006365	.003318	.007254	.003558
36	.061561	.045079	.040789	.038533	.065652	.050172	.051844	.032053	.041782	.026307

	21	22	23	24	25	26	27	28	29	30
1	.015713	.021304	.056692	.047101	.005446	.007190	.006320	.003270	.005167	.004110
2	.011362	.011280	.009824	.020315	.031839	.003842	.002088	.001603	.009090	.001713
3	.005060	.011670	.015245	.008582	.003024	.005155	.004218	.001175	.002889	.002337
4	.019599	.022283	.040381	.021297	.006204	.007301	.004493	.001523	.013703	.010773
5	.015960	.009742	.054228	.094743	.005299	.007869	.007607	.005675	.004073	.002904
6	.004515	.003341	.002970	.018306	.002963	.002379	.002398	.001185	.002336	.001995
7	.017424	.066162	.095142	.025400	.009097	.026215	.008873	.002100	.009045	.015098
8	.009320	.017342	.017741	.010979	.006015	.013393	.010985	.001273	.007188	.015585
9	.001189	.015372	.004838	.000377	.000181	.000216	.000120	.000038	.000250	.000509
10	.005022	.003242	.002204	.002335	.001215	.001524	.000445	.000182	.004969	.001623
11	.051092	.039776	.341603	.030725	.011608	.006708	.005598	.002976	.009568	.006407
12	.030844	.025720	.036746	.042527	.100395	.022978	.005797	.004645	.062895	.007637
13	.010615	.018755	.013630	.112451	.006054	.003629	.008160	.006566	.003052	.001956
14	.104961	.059743	.015346	.070564	.007050	.006780	.006035	.004233	.010781	.003025
15	.193116	.109730	.027686	.124078	.012645	.012181	.010603	.007437	.019639	.005379
16	.038133	.069663	.024215	.018035	.005275	.002663	.001904	.001172	.004064	.002040
17	.030014	.010794	.014704	.109762	.007312	.014572	.008281	.006459	.006798	.002498
18	.125413	.060572	.015105	.039506	.010453	.005124	.004573	.002510	.012909	.002771
19	.058805	.023621	.008666	.052579	.031699	.003466	.004939	.003321	.007593	.009205
20	.108914	.001777	.001094	.002175	.001063	.002526	.000319	.000181	.008570	.000506
21	1.099903	.007147	.008497	.015137	.009030	.025101	.002440	.001406	.085990	.004711
22	.008327	1.176322	.001656	.002279	.002923	.003733	.000626	.000196	.001319	.002140
23	.020569	.031240	1.091681	.018745	.004162	.003983	.005552	.003671	.003935	.005572
24	.012237	.010045	.010141	1.009314	.035601	.014671	.068012	.058169	.015077	.009178
25	.023155	.025630	.032496	.021964	1.020005	.016405	.006870	.007373	.019773	.011322
26	.108685	.099543	.094390	.102331	.022961	1.034091	.016600	.007483	.026405	.017236
27	.059610	.038167	.042139	.036370	.027284	.072337	1.014931	.020156	.044135	.015785
28	.008753	.008781	.009946	.010391	.008992	.034903	.016498	1.001057	.012624	.002611
29	.029536	.029940	.036923	.050631	.021845	.026455	.009319	.003936	1.092464	.028977
30	.009389	.011384	.015168	.012297	.006523	.020860	.011543	.001056	.008312	1.003688
31	.030000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.002322	.002586	.002518	.002165	.002697	.000904	.000878	.001178	.001560	.001197
33	.022159	.045736	.027873	.031587	.018391	.034010	.029487	.006856	.018327	.013964
34	.009927	.018104	.015350	.010613	.006715	.010947	.004543	.000819	.007194	.003412
35	.002941	.006334	.032737	.004290	.000756	.002648	.000627	.000346	.000811	.000666
36	.040533	.037739	.073943	.040830	.035612	.012816	.027943	.003533	.022486	.039046

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35 .002741 .006334 .032737 .004290 .000755 .002648 .000627 .000346 .000811 .000666
 36 .040533 .037739 .073943 .040830 .035612 .012816 .027943 .003533 .022486 .039046

*** IO CAL PROGRAM 197J

DATE : 5/ 4/1988 PAGE = 10

	31	32	33	34	35	36
1	.000000	.020502	.075545	.044213	.073301	.032434
2	.000000	.004447	.004205	.006575	.008005	.010373
3	.000000	.018359	.133042	.009555	.013377	.011379
4	.000000	.008901	.012914	.033567	.054462	.080195
5	.000000	.007031	.008354	.067557	.156081	.017020
6	.000000	.007702	.005769	.133312	.003064	.007390
7	.000000	.022373	.040090	.357717	.966755	.059109
8	.000000	.021615	.054179	.389701	.068655	.028483
9	.000000	.000314	.000345	.001565	.001293	.002378
10	.000000	.001617	.001857	.002553	.002089	.006522
11	.000000	.145968	.030709	.073545	.103939	.041486
12	.000000	.019074	.020100	.025181	.032941	.026588
13	.000000	.007449	.007049	.010554	.006342	.016222
14	.000000	.005461	.006715	.018580	.011310	.034373
15	.000000	.009585	.011942	.032253	.020723	.059631
16	.000000	.005740	.004101	.011399	.007277	.012312
17	.000000	.006363	.009033	.019776	.011131	.021713
18	.000000	.007789	.011530	.025403	.012393	.015021
19	.000000	.005476	.010622	.007652	.005366	.012017
20	.000000	.000797	.000905	.001693	.001497	.001465
21	.000000	.006730	.007206	.012763	.013061	.012333
22	.000000	.006757	.005342	.049333	.001949	.004972
23	.000000	.008973	.011409	.022253	.169314	.025430
24	.000000	.015402	.014960	.012136	.011399	.013559
25	.000000	.022983	.024729	.027739	.043012	.021394
26	.000000	.057372	.079261	.285453	.168315	.166100
27	.000000	.025395	.029287	.048273	.048661	.095121
28	.000000	.008445	.016693	.014932	.011785	.009015
29	.000000	.020053	.023857	.051563	.074355	.042735
30	.000000	.006384	.014517	.012353	.011371	.010643
31	1.000000	.000000	.000000	.000000	.000000	.000000
32	.000000	1.001593	.001648	.001334	.002044	.002246
33	.000000	.017931	1.068010	.051336	.023409	.042860
34	.000000	.004424	.011092	1.014165	.015353	.005350
35	.000000	.001759	.002405	.009643	1.014341	.003676
36	.000000	.049573	.060101	.031784	.031645	1.019673

9-6 Inverse matrix, 1975

INVERSE MATRIX OF (I - (I - MBAR) * A)

*** IO CAL PROGRAM 1975

DATE : 5/ 4/1988 PAGE = 10

	1	2	3	4	5	6	7	8	9	10
1	1.140543	.007672	.444006	.097121	.443293	.083913	.059394	.017962	.115315	.050632
2	.004666	1.011192	.005029	.005071	.004575	.005934	.007821	.003814	.004275	.007539
3	.114019	.003074	1.196943	.018924	.047573	.013103	.012154	.008392	.249231	.012183
4	.013679	.037161	.009613	1.473312	.011042	.037441	.008421	.010741	.103623	.098112
5	.004683	.003960	.009693	.010490	1.119123	.193634	.107852	.025069	.008666	.008190
6	.000976	.002104	.001760	.002313	.001635	1.035890	.002348	.002484	.001584	.002147
7	.022702	.009109	.042467	.049150	.031593	.048513	1.630899	.345210	.029480	.042058
8	.004481	.006729	.010091	.016135	.007798	.012434	.125861	1.199874	.010210	.011536
9	.000179	.000123	.000197	.009591	.000180	.000622	.000232	.000576	1.136203	.001043
10	.001553	.004699	.001560	.006651	.001529	.005171	.001742	.001503	.008465	1.068101
11	.073033	.020618	.051889	.160761	.061372	.069982	.068802	.060625	.069406	.286005
12	.039352	.094483	.037512	.037534	.036004	.039082	.049443	.025701	.030376	.056693
13	.006421	.003410	.017913	.004447	.004866	.013301	.004876	.002997	.007813	.012869
14	.005257	.014943	.008560	.007762	.007407	.037963	.006348	.003861	.010873	.012040
15	.007396	.021028	.011223	.009753	.010160	.054475	.007251	.004936	.014134	.016528
16	.002496	.005289	.004689	.004107	.003613	.011304	.003471	.007070	.005589	.005646
17	.008242	.020707	.020847	.014159	.013375	.057582	.008070	.004256	.033013	.019894
18	.017030	.022051	.015820	.014785	.015291	.013223	.014080	.010519	.009473	.016653
19	.003246	.011821	.003513	.005926	.003558	.005831	.004675	.005505	.004373	.005390
20	.002787	.008217	.002857	.002652	.003169	.003032	.002928	.001991	.002710	.002575
21	.014130	.042315	.012619	.011038	.015487	.012265	.011966	.009241	.010962	.011198
22	.000377	.000685	.000570	.000752	.000580	.000774	.000782	.000652	.000546	.000656
23	.009749	.004786	.016298	.020026	.011732	.048086	.008655	.016183	.038571	.063207
24	.007761	.012521	.008767	.011682	.008516	.011780	.012414	.009825	.009987	.010219
25	.011294	.035523	.019485	.030282	.024058	.028614	.073573	.030553	.023144	.036016
26	.046180	.052454	.091156	.101175	.092874	.132078	.033232	.078666	.122428	.088747
27	.039099	.069313	.039805	.099351	.045142	.051134	.087285	.058160	.038000	.079696
28	.011776	.019961	.013956	.017968	.014156	.020494	.019862	.017075	.015102	.017214
29	.046552	.266760	.060445	.062822	.080345	.070082	.069423	.056309	.061156	.066252
30	.003576	.008492	.005986	.010968	.010275	.012988	.008541	.007336	.008672	.007742
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.003033	.005909	.005431	.008413	.003888	.005860	.007426	.005441	.006289	.019334
33	.009457	.017691	.024747	.031235	.021790	.033402	.034169	.058972	.024941	.028072
34	.001464	.002322	.002216	.007063	.003614	.004544	.006464	.005169	.002682	.003618
35	.005143	.001344	.020755	.041572	.005049	.016168	.018101	.008480	.013748	.017310
36	.013995	.036095	.033773	.038285	.022167	.047702	.044709	.018929	.042796	.032093

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DATE : 5/ 4/1988 PAGE = 10

31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.003033	.005909	.005431	.008413	.003888	.005860	.007426	.005441	.006289	.019334
33	.009457	.017691	.024747	.031235	.021790	.033402	.034169	.058972	.024941	.028072
34	.001464	.002322	.002216	.007063	.003614	.004544	.006464	.005169	.002682	.003618
35	.005143	.001344	.020755	.041572	.005049	.016168	.018101	.008480	.013748	.017310
36	.013995	.036095	.033773	.038285	.022167	.047702	.044709	.018929	.042796	.032093

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DATE : 5/ 4/1988 PAGE = 10

	11	12	13	14	15	16	17	18	19	20
1	.020783	.003305	.007813	.003743	.005889	.006559	.006776	.006993	.010573	.007903
2	.017063	.107589	.035766	.063425	.037631	.041121	.014635	.009160	.008243	.009262
3	.026523	.001682	.003718	.002355	.003065	.003264	.003203	.004395	.007325	.004672
4	.006739	.002154	.007999	.003273	.004576	.006839	.007375	.006412	.008962	.010751
5	.008906	.001360	.010023	.002291	.005436	.006715	.007422	.005262	.010423	.005553
6	.002646	.000797	.003038	.001400	.001661	.001636	.002436	.004410	.018426	.003196
7	.071946	.004565	.047381	.008574	.012043	.019317	.018121	.017553	.035456	.018197
8	.015375	.002921	.012971	.005335	.006280	.007026	.008397	.009956	.014188	.009287
9	.000621	.000064	.000136	.000083	.000113	.000127	.000165	.000573	.000594	.000518
10	.002514	.000738	.001503	.001782	.002473	.001182	.003779	.008736	.004524	.044109
11	1.469426	.013149	.032866	.025142	.025767	.041257	.024052	.024392	.045146	.047967
12	.129983	1.071273	.104617	.343544	.219352	.047949	.081926	.052311	.038334	.049702
13	.013953	.002403	1.121187	.036272	.021178	.017266	.014466	.011791	.022491	.020644
14	.007853	.004507	.023752	1.771643	.868150	.007242	.206968	.124733	.049771	.107652
15	.009826	.005940	.034379	.007276	1.295954	.009390	.310313	.197379	.083316	.185196
16	.012231	.001941	.005784	.018147	.024349	1.405427	.080730	.038925	.095374	.056992
17	.012421	.008079	.007229	.005671	.006648	.006595	1.050943	.024516	.022764	.021788
18	.018193	.009073	.030799	.013383	.023524	.017683	.013514	1.348337	.047133	.148664
19	.013635	.005739	.008755	.009333	.010538	.011997	.006007	.034427	1.277116	.075490
20	.002702	.001322	.003477	.002553	.002816	.002287	.002549	.003570	.002033	1.284072
21	.011025	.002388	.017096	.012024	.011814	.009887	.010619	.009041	.002070	.007957
22	.000831	.000265	.000719	.000538	.000661	.000595	.000583	.007416	.003551	.007341
23	.023599	.005133	.006224	.003903	.004623	.005000	.006403	.014642	.045573	.003652
24	.014977	.005723	.012936	.011651	.012049	.011940	.010236	.008729	.011030	.009583
25	.066903	.012217	.057812	.094577	.076570	.093961	.045494	.030881	.032252	.036184
26	.077059	.019933	.074336	.058761	.062437	.055557	.073896	.097034	.035307	.090212
27	.076256	.036489	.056691	.055974	.060407	.075650	.047773	.053041	.056579	.072312
28	.022795	.008911	.018209	.013313	.014336	.015442	.015902	.014253	.019193	.014323
29	.065053	.051563	.106428	.072743	.069364	.059799	.063300	.053672	.047539	.048345
30	.013423	.005957	.009316	.008606	.009644	.008572	.010580	.009386	.016125	.009397
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.026723	.003564	.007836	.005305	.007947	.007468	.009189	.020200	.020167	.019567
33	.051112	.008327	.020774	.014482	.018000	.018726	.019013	.036601	.057203	.030813
34	.006040	.001392	.004855	.002313	.002794	.003382	.003006	.005758	.008478	.004871
35	.010383	.000324	.017345	.001836	.005345	.009803	.008646	.004385	.010233	.004220
36	.041147	.018060	.022390	.022450	.039214	.028955	.036742	.032971	.031314	.018269

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21	22	23	24	25	26	27	28	29	30
.009469	.009417	.036892	.032037	.004549	.006077	.004683	.013920	.005465	.004129
.007808	.006452	.007861	.012501	.037683	.002656	.001305	.005452	.023502	.002016
.004557	.008433	.014292	.007229	.002858	.005317	.003725	.003754	.003506	.002307
.014693	.013915	.025397	.017215	.004090	.005979	.002617	.007334	.009743	.008192
.007808	.006138	.049334	.065344	.003469	.005380	.003130	.027369	.003655	.002705
.004163	.002074	.003572	.020258	.003099	.002352	.002276	.008566	.002366	.004049
.016921	.022052	.081259	.020433	.007984	.022806	.008529	.009063	.010669	.013570
.008451	.011735	.015333	.008061	.006354	.009419	.011137	.003956	.006522	.019196
.000502	.015274	.035411	.000267	.000202	.000156	.000069	.000122	.000175	.000113
.052344	.003890	.002014	.001965	.001226	.000761	.000462	.000860	.009253	.001038
.058214	.025015	.298018	.028156	.013361	.006268	.005130	.012606	.016528	.009710
.045946	.031577	.054064	.052430	.180006	.020669	.007682	.023459	.222741	.014387
.012378	.016068	.014838	.099502	.005565	.003844	.003857	.041542	.004723	.002349
.039095	.046143	.012091	.059364	.005872	.004333	.003726	.025054	.017723	.003754
.143233	.073675	.016067	.038853	.007589	.006082	.004156	.037160	.027189	.003986
.034064	.063808	.018001	.025972	.005785	.001937	.001465	.010903	.006390	.001907
.025573	.007286	.012014	.095063	.006374	.009955	.004157	.039713	.009168	.003099
.143199	.054636	.014355	.032022	.008910	.003913	.003872	.013547	.029855	.004804
.059823	.021322	.007917	.021103	.018538	.002381	.002265	.008961	.012484	.010454
.196383	.002152	.002789	.003332	.002201	.002053	.001058	.001484	.032363	.001903
1.093926	.008015	.011523	.014963	.009614	.010441	.003298	.006711	.178485	.007487
.005282	1.164496	.000723	.001082	.001587	.002458	.000283	.000477	.001295	.000388
.025573	.032283	1.117971	.018456	.004071	.005126	.004944	.009382	.007173	.003355
.009895	.008531	.009887	1.009555	.031657	.020320	.030360	.420582	.018942	.012067
.028447	.025533	.039743	.027392	1.027544	.014417	.007689	.015509	.026532	.012029
.105482	.077342	.106474	.099126	.027244	1.039986	.015320	.043023	.035484	.022011
.067572	.061367	.045424	.044611	.061477	.068850	1.025216	.025686	.078862	.019906
.015325	.013305	.016944	.016876	.014903	.042911	.066341	1.007801	.031531	.023550
.054230	.046561	.067821	.038298	.057621	.065472	.017806	.039729	1.144013	.044227
.009213	.009625	.013501	.009422	.006155	.017204	.011388	.034158	.009498	1.011402
.000000	.000000	.000000	.000900	.000000	.000000	.000000	.000000	.000900	.000900
.014421	.016590	.009423	.006934	.005777	.003076	.002617	.004341	.009805	.004298
.025184	.039161	.034348	.035364	.021097	.044551	.033732	.022395	.025622	.015647
.004145	.006115	.004385	.002977	.003016	.003923	.002693	.001369	.003251	.003958
.004301	.009037	.031518	.004543	.000392	.002797	.000593	.001974	.002070	.000937
.030888	.038277	.041241	.036005	.027291	.010451	.026836	.015623	.023503	.032347

.004145	.006115	.004385	.002977	.003016	.003923	.002693	.001369	.003251	.003953
.004301	.009037	.031518	.004543	.000392	.002797	.000593	.001974	.002070	.000937
.030383	.058277	.041241	.036005	.027291	.010451	.026838	.015623	.023503	.032347

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	31	32	33	34	35	36
1	.004384	.015473	.066269	.033340	.065923	.056627
2	.003187	.034210	.003585	.007406	.005543	.017945
3	.003272	.016903	.097183	.010468	.011656	.023185
4	.009357	.006305	.006969	.021430	.030503	.044549
5	.003357	.004566	.006902	.052670	.139393	.012563
6	.004415	.006379	.004989	.002564	.001924	.010862
7	.015516	.024720	.033561	.691953	.650189	.079636
8	.019243	.030461	.048379	.058019	.072877	.033632
9	.000352	.000203	.000169	.000935	.000859	.001215
10	.004142	.001620	.001701	.006946	.001302	.010104
11	.012353	.126305	.025303	.166333	.068680	.063380
12	.025577	.029292	.026967	.051807	.037749	.104023
13	.002300	.005539	.007987	.007697	.005045	.024374
14	.005621	.004660	.005586	.014279	.008353	.060123
15	.009493	.005217	.006505	.020593	.011272	.033012
16	.002582	.004307	.002569	.007635	.004609	.014894
17	.005193	.005205	.007847	.012191	.010515	.037124
18	.015054	.008434	.010549	.091601	.013615	.038514
19	.006467	.004035	.008557	.009932	.004118	.022069
20	.008289	.001317	.002337	.003546	.002727	.027136
21	.006389	.006761	.009695	.016182	.012567	.052933
22	.000577	.003270	.001181	.001613	.000753	.004779
23	.005081	.009243	.010938	.139330	.124322	.032594
24	.016597	.014149	.016210	.013966	.013653	.012647
25	.015301	.030903	.033254	.046393	.043345	.052908
26	.026367	.054395	.074695	.339143	.158255	.190980
27	.102556	.028375	.038225	.071573	.054460	.083924
28	.016241	.015680	.026699	.025225	.026110	.021000
29	.058253	.037242	.053638	.098879	.075077	.223397
30	.009547	.008007	.012490	.011587	.007949	.015180
31	1.000000	.000000	.000000	.000000	.000000	.000000
32	.003084	1.005564	.005756	.008451	.005133	.030011
33	.028638	.031498	1.065316	.036779	.030563	.063057
34	.003745	.003320	.003039	1.005148	.004439	.007953
35	.001269	.002107	.003161	.013372	1.011961	.005405
36	.008551	.034671	.032166	.032252	.026892	1.019956

9-7 Inverse matrix, 1980

INVERSE MATRIX OF (I - (I - MBAR) * A)

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	1	2	3	4	5	6	7	8	9	10
1	1.151167	.005478	-.366833	.086493	.450931	-.087898	-.048911	.015634	-.105463	-.057409
2	-.006744	1.012736	.006172	.007119	-.005613	-.006111	.011723	-.005395	.004956	.008977
3	-.120659	.002966	1.168988	-.018837	-.051288	-.014319	-.013630	-.008465	-.264780	-.013360
4	-.013233	.007252	-.009506	1.408255	-.010313	-.031953	.009166	.015014	.095147	-.076443
5	-.004799	.003249	-.008933	.009019	1.114913	-.204748	.094179	-.023068	-.008303	-.007241
6	-.001351	.001794	-.001811	-.002221	-.001703	1.031550	-.002161	-.002402	-.001541	-.002310
7	-.022590	.007437	-.047600	.047253	-.029405	-.047800	1.662287	-.367779	.051660	.039152
8	-.005882	.006214	-.010975	-.014666	-.008103	-.012079	-.126345	1.177927	.011299	.011259
9	-.000170	-.000101	-.000151	-.009606	-.000155	-.000444	-.000192	-.000583	1.085275	-.000777
10	-.002133	.004765	.001723	-.008268	-.001730	-.005808	-.001662	-.001654	.008452	1.020397
11	-.094766	.021855	-.057899	.183385	.070812	-.074774	.077280	-.035360	-.067670	.326480
12	-.063010	.119753	-.051308	-.061837	-.048653	-.045757	.093167	-.042054	.040165	.075297
13	-.006230	.003089	.018186	-.004629	-.004873	-.015671	.004617	-.003301	-.007736	-.013295
14	-.007827	.013805	-.011518	-.008896	-.009417	-.037447	-.007929	-.005537	.012348	-.015286
15	-.011422	-.020949	-.016265	-.012581	-.013333	-.058828	.010418	-.007456	.018187	-.022307
16	-.003237	.005059	.005047	.004073	-.004133	-.012365	.003669	-.008747	-.005248	-.006074
17	-.010310	.017176	-.022207	.014689	-.012189	-.064756	-.008018	-.004778	.033316	-.022732
18	-.021539	.019586	-.018074	-.016099	.017918	-.015239	.014194	-.011817	-.011572	-.019332
19	-.004627	.011647	-.004869	-.006661	-.004964	-.007156	.006338	-.007414	-.005259	-.007125
20	.002562	.006448	.001923	.001463	.002360	.001632	.001531	.001330	.001526	.001480
21	.014682	.037221	-.010997	-.008349	.013535	-.009333	-.008757	-.007611	-.008745	.008421
22	.000390	-.000528	.000468	.000616	.000492	.000587	.000637	.000590	.000512	.000586
23	-.014740	.004936	.017856	-.023991	-.016719	-.046617	.009437	.019010	-.085659	-.068215
24	-.009673	.010434	-.008885	-.011424	-.008238	-.009170	-.011124	-.008672	-.008310	-.010377
25	-.019123	.040029	-.030934	.039967	.031692	-.036253	.092315	-.044637	.033030	.047905
26	-.058042	.064845	-.093300	.127377	.099304	-.132961	.096485	.091009	.134713	.094407
27	.037551	.059855	-.036977	.074207	-.044052	.048107	.066527	-.045006	.039046	.073063
28	.006136	.014132	-.008671	.010502	.009530	-.011013	-.011718	-.010725	-.011035	.010923
29	-.055523	.261149	-.061321	-.054484	-.076080	-.060975	-.058718	-.052314	-.056474	-.055880
30	-.006354	.007605	-.007591	-.010989	.010960	.011511	.010055	.009581	.008561	.008810
31	.000670	.000908	.001086	-.000845	-.000902	.001225	.001026	.000674	.000881	.001150
32	-.005116	.008111	.008108	.010633	-.005889	.008179	.010262	.008010	.008332	.023909
33	.014088	.022570	-.032691	.034340	-.024223	.043130	-.038564	-.058680	.029139	-.033157
34	.002115	-.002313	-.002211	-.006455	-.003243	-.003934	-.005671	-.004609	-.002359	.003415
35	.014167	.002321	-.028169	-.038831	-.009695	-.020936	.024987	-.012577	.020747	-.020951
36	.020310	.027508	.032915	.025600	.027329	.037123	.031099	.020410	.026686	.034844

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31	.000670	.000908	.001086	.000845	.000902	.001225	.001026	.000674	.000881	.008810
32	.005116	.008111	.008108	.010633	.005889	.008179	.010262	.008010	.008332	.001150
33	.014088	.022570	.032691	.034340	.024223	.043130	.038564	.058680	.029139	.023909
34	.002115	.002313	.002211	.006455	.003243	.003934	.005671	.004609	.002359	.033157
35	.014167	.002321	.028169	.038831	.009695	.020936	.024987	.012577	.020747	.003415
36	.020310	.027508	.032915	.025600	.027329	.037123	.031099	.020410	.026686	.020951
										.034844

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	11	12	13	14	15	16	17	18	19	20
1	.015662	.002490	.006111	.003579	.034373	.005391	.006676	.036674	.008900	.009181
2	.019819	.101369	.034563	.046531	.028270	.034623	.013724	.008821	.008720	.009310
3	.024174	.001446	.003671	.003297	.003283	.003513	.004186	.006006	.007117	.005920
4	.009084	.002647	.007717	.006623	.006073	.008622	.008285	.007974	.010331	.013040
5	.007835	.001000	.008103	.002418	.006039	.006166	.008909	.005396	.009202	.005726
6	.002441	.000668	.002717	.001692	.001643	.001742	.002938	.004045	.012307	.003359
7	.065198	.003246	.036409	.008891	.016491	.020087	.030627	.020760	.033891	.020162
8	.014813	.002380	.011769	.005823	.006349	.007342	.009808	.011893	.014359	.010557
9	.000495	.000044	.000117	.000103	.000100	.000126	.000152	.000563	.000535	.000541
10	.002449	.000889	.001753	.002309	.002691	.001377	.004134	.010474	.004689	.059868
11	1.517455	.013260	.038904	.036233	.032274	.052479	.031259	.034118	.059724	.066446
12	.172702	1.064121	.117711	.251623	.173831	.077008	.035973	.056714	.047065	.058260
13	.015686	.002640	1.143756	.031661	.019690	.016584	.015386	.012240	.021660	.019805
14	.008925	.005088	.023096	1.685650	.787577	.011781	.220921	.124095	.050763	.090877
15	.012851	.006742	.037000	.014516	1.299062	.015329	.365330	.214734	.090724	.188114
16	.011317	.001704	.013227	.035766	.029429	1.448399	.032060	.043783	.132700	.072169
17	.012756	.006118	.006583	.006780	.007240	.007668	1.052466	.032302	.028201	.026201
18	.018314	.006861	.035446	.019316	.021119	.017382	.021157	1.382528	.042278	.137124
19	.014410	.004430	.010478	.013246	.012582	.017382	.009257	.090691	1.301133	.083638
20	.001493	.001037	.002542	.001672	.001513	.001341	.001461	.003155	.001195	1.400785
21	.008503	.005950	.014457	.009522	.008621	.007620	.008292	.007617	.006591	.007819
22	.000703	.000176	.000689	.000575	.000563	.000564	.000559	.007296	.004340	.008477
23	.0029763	.004097	.006100	.004861	.005373	.006239	.008730	.020592	.056901	.044203
24	.013499	.004410	.011403	.012703	.012722	.012078	.010732	.008401	.010052	.010985
25	.078507	.013361	.079540	.121363	.098515	.104990	.066501	.046996	.045903	.053411
26	.072700	.023205	.077839	.073438	.072490	.076373	.087262	.111779	.095600	.110048
27	.068296	.030886	.055524	.059521	.058023	.068554	.049191	.047639	.045013	.047249
28	.015724	.005477	.013338	.011246	.011163	.007835	.012603	.011032	.011986	.012368
29	.058383	.041202	.100657	.063620	.057696	.052023	.056697	.052089	.044810	.053533
30	.015471	.004891	.009982	.007484	.007564	.009792	.011673	.010922	.017600	.009494
31	.000796	.000634	.000657	.001348	.001360	.001525	.001099	.001093	.001165	.001011
32	.028506	.004280	.010096	.010312	.015532	.010123	.016789	.030671	.026273	.026834
33	.052681	.009217	.025242	.023653	.023194	.022375	.032320	.053422	.060080	.043904
34	.005595	.000944	.004557	.002044	.002272	.002796	.002743	.005678	.008761	.005002
35	.017387	.000999	.014643	.003066	.013719	.015058	.030975	.010444	.021103	.009570
36	.024127	.019224	.019924	.056007	.041218	.046208	.033313	.033131	.035311	.030636

	21	22	23	24	25	26	27	28	29	30
1	.009133	.008730	.031822	.029343	.003452	.005249	.004470	.001911	.004802	.003176
2	.006950	.007049	.009260	.012127	.037482	.003158	.001605	.000874	.023533	.002506
3	.004915	.009835	.014580	.007765	.003158	.005076	.004220	.001897	.004071	.002908
4	.015117	.016817	.021028	.014947	.003384	.006125	.003685	.000993	.009516	.008855
5	.007192	.006245	.039328	.059070	.002735	.004879	.004255	.001715	.003126	.002280
6	.003092	.002365	.004835	.018756	.002685	.002301	.002793	.000744	.002093	.002984
7	.016625	.025206	.075719	.020783	.007055	.019666	.009087	.001732	.010322	.017259
8	.008918	.013617	.014795	.008308	.006159	.009913	.013628	.001629	.007412	.024931
9	.000453	.018971	.002849	.000210	.000149	.000150	.000060	.000021	.000150	.000110
10	.061152	.007218	.002112	.003459	.001333	.000962	.000585	.000206	.009887	.001194
11	.071863	.039801	.369447	.033080	.013381	.008493	.008225	.003274	.019693	.014678
12	.046737	.039865	.073649	.058689	.187437	.026864	.010524	.005552	.236255	.019560
13	.012733	.014070	.017171	.101736	.004756	.003239	.006252	.002740	.004416	.001983
14	.072225	.047241	.013917	.056363	.006092	.004827	.006438	.002069	.014399	.006201
15	.131073	.079414	.020281	.093644	.008850	.006567	.008671	.003070	.024763	.007177
16	.036894	.093477	.013532	.028065	.004830	.001804	.002288	.000900	.006833	.002171
17	.025342	.007704	.011523	.097383	.005819	.005994	.006726	.002748	.008301	.003238
18	.113202	.054688	.035122	.041955	.008224	.004468	.005329	.001646	.021297	.005527
19	.054327	.031739	.012167	.027215	.027715	.003023	.003457	.001250	.011276	.009353
20	.137661	.001223	.001669	.002019	.001234	.001741	.000453	.000211	.028055	.001028
21	1.037136	.006653	.009395	.011374	.007085	.010056	.002577	.001207	.162483	.005905
22	.004171	1.163601	.000710	.001026	.001623	.002261	.000242	.000087	.001038	.000483
23	.029411	.050738	1.140365	.021418	.004597	.005645	.005857	.003657	.007533	.004551
24	.010105	.009330	.009816	1.007804	.025099	.012915	.053379	.024523	.014731	.005858
25	.035961	.039529	.055812	.037647	1.037145	.020836	.010206	.009677	.035391	.022571
26	.109146	.090017	.106692	.109245	.033446	1.044175	.021031	.007293	.102111	.028145
27	.056807	.059794	.046107	.041745	.074390	.076662	1.036947	.012680	.077904	.022299
28	.010355	.010641	.014110	.014563	.008674	.037461	.013710	1.001275	.023612	.019720
29	.047219	.045154	.063840	.075782	.048707	.070147	.017118	.008205	1.146811	.039662
30	.010214	.012591	.014270	.010238	.005565	.021485	.013308	.000857	.009447	1.015933
31	.001187	.001345	.001122	.000807	.000558	.000560	.000734	.000144	.000758	.001120
32	.021324	.025333	.013216	.011697	.008716	.005912	.005384	.004319	.014849	.024933
33	.030699	.042948	.040138	.049183	.030685	.049960	.044526	.020692	.036191	.023158
34	.003753	.006146	.004141	.002702	.003115	.003449	.002441	.000283	.003083	.005713
35	.007962	.012593	.040783	.007837	.001495	.006703	.001198	.000452	.003217	.001523
36	.035971	.040768	.033996	.024465	.016910	.016955	.022237	.004374	.022970	.033950

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	31	32	33	34	35	36
1	.005537	.014248	.036031	.025671	.059183	.020108
2	.004581	.005226	.004673	.008788	.007969	.018366
3	.005592	.017329	.038033	.010442	.012421	.020546
4	.009993	.008435	.008179	.019931	.028186	.085789
5	.003447	.005079	.005858	.041314	.126119	.010276
6	.004794	.009978	.005003	.002606	.001851	.010606
7	.014552	.026387	.032966	.613863	.774924	.041094
8	.024525	.036427	.048966	.052003	.070068	.021426
9	.000137	.000215	.000184	.000633	.000490	.001004
10	.004979	.001300	.001695	.007400	.001762	.011145
11	.018447	.141278	.027717	.169638	.077202	.128859
12	.037620	.041153	.037054	.070931	.064184	.133781
13	.003733	.006394	.006934	.012040	.004616	.027179
14	.006547	.006228	.005995	.014042	.011312	.150237
15	.010996	.008324	.008239	.021576	.016736	.150865
16	.004180	.004589	.002921	.006953	.004036	.022385
17	.005516	.005781	.007171	.011198	.010198	.057162
18	.017780	.010249	.009224	.080268	.013466	.068623
19	.015438	.007164	.008905	.010547	.005339	.048926
20	.008307	.001046	.001482	.002210	.001762	.004641
21	.036393	.005976	.008516	.012184	.010103	.025986
22	.001174	.004427	.000882	.001485	.000602	.001625
23	.006617	.011656	.011797	.161457	.097932	.029954
24	.019791	.013313	.010869	.011184	.008966	.019876
25	.043224	.044042	.043296	.055683	.058941	.084204
26	.036185	.065793	.032550	.401418	.137012	.163008
27	.016475	.030007	.043940	.063970	.047627	.110422
28	.008995	.015439	.025811	.020401	.012957	.028685
29	.060155	.039442	.055157	.034006	.068060	.151746
30	.012847	.011400	.013925	.014286	.009132	.021102
31	1.000221	.000763	.000669	.000391	.000782	.033783
32	.003389	1.008021	.009555	.011060	.007483	.027468
33	.057885	.048517	1.035830	.042382	.034322	.095187
34	.004244	.004237	.002889	1.004441	.004575	.003286
35	.001984	.003735	.004580	.018513	1.016840	.011779
36	.006703	.023126	.020274	.027001	.023706	1.023720

9-8 Inverse matrix, 1985

INVERSE MATRIX OF (I - (I - MBAR) * A)

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	1	2	3	4	5	6	7	8	9	10
1	1.137367	.005325	.333264	.063133	.393672	.056001	.032722	.011191	.122069	.039623
2	.034755	1.014778	.004263	.004660	.004596	.004518	.008085	.003660	.003871	.006034
3	.113393	.003561	1.151871	.017745	.045020	.011240	.012181	.009040	.324386	.011963
4	.012351	.007047	.008510	1.384178	.009922	.031061	.009007	.014804	.074578	.065003
5	.033432	.002502	.006381	.006083	1.098517	.143277	.066998	.014628	.006493	.005179
6	.001262	.001728	.001621	.002022	.001760	1.032984	.002063	.002139	.001417	.002248
7	.019639	.007231	.040928	.038593	.029713	.039615	1.551969	.303169	.047463	.034564
8	.036721	.007590	.012076	.016004	.010631	.013663	.170394	1.181957	.013061	.013569
9	.000170	.000108	.000143	.009281	.000166	.000441	.000216	.000628	1.073150	.000717
10	.002326	.006201	.001685	.009133	.001899	.006762	.001643	.001684	.010305	1.017858
11	.081753	.023317	.046773	.153615	.075486	.065743	.069171	.075615	.059811	.297599
12	.046291	.152354	.034523	.039644	.039057	.032460	.053620	.025364	.030940	.047459
13	.005391	.002972	.016686	.003797	.004779	.013595	.003957	.002832	.007941	.012818
14	.036430	.012705	.008956	.006418	.008281	.032726	.005818	.004042	.008925	.012951
15	.011188	.022992	.015006	.010693	.013776	.060832	.009117	.006480	.015330	.022745
16	.002437	.004502	.003525	.002594	.003532	.009210	.002830	.006656	.003396	.004288
17	.011087	.019349	.023401	.013551	.013597	.074095	.007831	.004655	.027832	.025749
18	.030653	.027739	.023000	.018049	.023897	.018476	.017052	.014097	.016291	.026070
19	.006125	.016495	.006140	.007855	.007249	.009181	.008782	.009403	.007088	.009116
20	.033383	.012912	.002097	.031706	.003149	.001970	.001751	.001561	.002153	.001699
21	.017319	.066539	.010707	.008718	.016136	.010076	.008951	.007986	.011034	.008637
22	.030482	.000763	.000542	.000686	.000666	.000694	.000701	.000654	.000611	.000704
23	.018941	.006924	.019873	.024534	.021019	.055709	.010805	.021190	.100276	.080762
24	.008871	.008566	.007643	.009043	.007737	.007802	.009412	.007268	.007125	.008628
25	.020496	.043553	.032526	.041237	.041455	.038619	.099806	.046794	.036677	.052188
26	.060333	.099272	.089498	.122430	.114664	.132808	.099205	.087411	.122715	.096431
27	.041913	.071253	.039332	.079696	.059214	.059141	.076102	.050296	.042275	.079166
28	.037770	.017184	.010610	.012943	.014544	.014357	.015113	.013315	.013320	.014389
29	.030449	.048749	.038800	.034768	.049705	.038357	.038748	.033867	.031940	.039640
30	.006200	.007306	.006916	.010058	.013631	.011009	.009689	.009210	.007859	.008803
31	.000685	.001042	.001083	.000319	.001076	.001266	.000985	.000646	.000914	.001111
32	.005961	.009225	.009291	.012306	.008149	.009595	.012301	.009253	.009543	.030637
33	.018713	.034356	.039188	.042189	.039621	.057550	.057427	.087352	.036158	.044412
34	.002087	.002390	.002124	.005941	.003832	.003864	.005647	.004235	.002323	.003580
35	.012672	.002355	.024515	.032663	.009452	.018774	.025728	.010547	.017971	.018522
36	.019958	.030308	.031504	.023835	.031316	.036854	.028669	.018808	.026604	.032342

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30	.006200	.007306	.006916	.010058	.013631	.011009	.009689	.009210	.007859	.031940	.039840
31	.000685	.001042	.001083	.000819	.001076	.001266	.000985	.000646	.000914	.008803	.008803
32	.005961	.009225	.009291	.012306	.008149	.009595	.012301	.009253	.009543	.009543	.030637
33	.018713	.034356	.039188	.042189	.039621	.057550	.057427	.037352	.036158	.044412	.044412
34	.002087	.002390	.002124	.005941	.003832	.003864	.005647	.004235	.002323	.003580	.003580
35	.012672	.002355	.024515	.032663	.009452	.018774	.025728	.010547	.017971	.017971	.017971
36	.019958	.030308	.031504	.023835	.031316	.036854	.028669	.018808	.026604	.026604	.032342

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	11	12	13	14	15	16	17	18	19	20
1	.014779	.002396	.004558	.003315	.004075	.004520	.004799	.005408	.007611	.006440
2	.013058	.091908	.028217	.045972	.023404	.024609	.009776	.005733	.005937	.005842
3	.026231	.002112	.003777	.003326	.003482	.003902	.004143	.006256	.008128	.005663
4	.008466	.003735	.007078	.006062	.005475	.008503	.007030	.007013	.010559	.010506
5	.005524	.000879	.005707	.001670	.004892	.005212	.005776	.003467	.006278	.003746
6	.002387	.000812	.002735	.001585	.001480	.001600	.002327	.002932	.008362	.002691
7	.059047	.003891	.032906	.008182	.014643	.018806	.024221	.016965	.032680	.016501
8	.018439	.003549	.013141	.007234	.007475	.008937	.010625	.012798	.019513	.011155
9	.000554	.000064	.000112	.000109	.000096	.000125	.000133	.000435	.000460	.000473
10	.002381	.001274	.001560	.002512	.002679	.001495	.003368	.009675	.004477	.047729
11	1.438873	.019133	.034969	.036425	.029326	.050222	.025185	.029509	.058699	.054454
12	.109416	1.063030	.059575	.256945	.143577	.049320	.062461	.035968	.032158	.036056
13	.014779	.003056	1.117852	.023138	.014096	.008557	.011123	.008549	.019501	.013142
14	.007196	.006214	.015621	1.647718	.672262	.009829	.174115	.031309	.033743	.063873
15	.012173	.009176	.029416	.013643	1.308247	.015025	.335989	.165215	.071796	.145625
16	.008023	.001691	.010292	.024009	.020513	1.390143	.049373	.031882	.088621	.043903
17	.013638	.007882	.006578	.007448	.007564	.008079	1.052985	.029353	.029471	.023865
18	.022971	.012079	.053100	.025972	.025952	.023134	.027618	1.401547	.059904	.155506
19	.017630	.007598	.013676	.018404	.016982	.019646	.011049	.109117	1.379467	.095418
20	.001573	.001783	.002147	.002198	.001877	.001623	.001713	.002737	.001595	1.400016
21	.008023	.009141	.010823	.011209	.009557	.008256	.008705	.007364	.007937	.006840
22	.000785	.000269	.000834	.000717	.000653	.000627	.000650	.007177	.004582	.008273
23	.031914	.006778	.006668	.006402	.006293	.007349	.008373	.025335	.069522	.049186
24	.012257	.004343	.009570	.011531	.011016	.010445	.008672	.006411	.009137	.008002
25	.090106	.018360	.079939	.130325	.100942	.087806	.062526	.043810	.052492	.048770
26	.074977	.033283	.103441	.086943	.076968	.078342	.092970	.110745	.104544	.109744
27	.077893	.049473	.063053	.077479	.068690	.077478	.056082	.049679	.056742	.048388
28	.020125	.008679	.016177	.015611	.014282	.010694	.014886	.013471	.015727	.014470
29	.043923	.018963	.070784	.040854	.035830	.033437	.034042	.034473	.033514	.033767
30	.015540	.005545	.009383	.007695	.007223	.009810	.010393	.010506	.018703	.008735
31	.030870	.001254	.000664	.001951	.001365	.001752	.001027	.001001	.001325	.000913
32	.036072	.005759	.012064	.013090	.018066	.013524	.018221	.032713	.035317	.027719
33	.069472	.016366	.033192	.035434	.031616	.032156	.042279	.069521	.035234	.053648
34	.006070	.001104	.004130	.002331	.002382	.003085	.002590	.005208	.012328	.005485
35	.016354	.001212	.014612	.002760	.012756	.014877	.025251	.008801	.018721	.007651
36	.025307	.036483	.019329	.056767	.039716	.050974	.029895	.029115	.038559	.026576

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	21	22	23	24	25	26	27	28	29	30
1	.006145	.006903	.022970	.018585	.002798	.004845	.003554	.001376	.003371	.002680
2	.004347	.005026	.006067	.010063	.028733	.003106	.001058	.000652	.007713	.001756
3	.004481	.009481	.012907	.007410	.003390	.005956	.004763	.001768	.003934	.003095
4	.011339	.014269	.019098	.013203	.003303	.005965	.002991	.000760	.008509	.008456
5	.004736	.004295	.027359	.037015	.001613	.003602	.001926	.000861	.001694	.001540
6	.002414	.001971	.004115	.015978	.002224	.002202	.002295	.000533	.001899	.002920
7	.012953	.022274	.061531	.018496	.006725	.017901	.008586	.001370	.008454	.015430
8	.009049	.014200	.016132	.010028	.006830	.011907	.016624	.001713	.008011	.025897
9	.000345	.015309	.002691	.000197	.000145	.000159	.000053	.000018	.000106	.000105
10	.052639	.007810	.002323	.003724	.001303	.001268	.000561	.000206	.004307	.001212
11	.055769	.031285	.285772	.028244	.011042	.007663	.006225	.002377	.012041	.011814
12	.028377	.028018	.044965	.047383	.080822	.028633	.007062	.004084	.077100	.012309
13	.009033	.011009	.015453	.095631	.003886	.002851	.003519	.001967	.002724	.001657
14	.048705	.039704	.010817	.048497	.004501	.003929	.003711	.001370	.006396	.004192
15	.102344	.078310	.018674	.093767	.007865	.006506	.005783	.002396	.011398	.005849
16	.025091	.071297	.008790	.019387	.004037	.001464	.001142	.000510	.002558	.001556
17	.022694	.007131	.010664	.122566	.005565	.006502	.005007	.002579	.005785	.003089
18	.109385	.058152	.047673	.058092	.009929	.006097	.005656	.001827	.012702	.006300
19	.048359	.031771	.015238	.029844	.043171	.004065	.003475	.001315	.007383	.012217
20	.210115	.001534	.002144	.002780	.001713	.003292	.000628	.000326	.013614	.001064
21	1.034536	.007629	.010834	.014071	.008794	.016969	.003211	.001673	.070236	.005457
22	.003933	1.139670	.000812	.001240	.001697	.003213	.000214	.000084	.000636	.000497
23	.028603	.048515	1.170120	.023930	.005507	.006316	.006052	.003512	.005168	.005272
24	.007572	.007725	.007958	1.006616	.019052	.010575	.029144	.018371	.013019	.005160
25	.033124	.042625	.058483	.039228	1.038629	.022331	.010744	.009083	.041265	.025474
26	.111332	.082510	.105025	.115682	.036808	1.049316	.019910	.006668	.044944	.027910
27	.060593	.065518	.048073	.051355	.072341	.102853	1.042248	.011145	.055333	.020591
28	.013035	.012953	.016513	.018175	.009895	.050639	.019197	1.001411	.029929	.023527
29	.030187	.030530	.037218	.044735	.016577	.028780	.010121	.002582	1.095914	.028781
30	.009181	.014040	.013135	.009801	.004850	.018000	.012102	.000700	.008351	1.017304
31	.001101	.001242	.001157	.000808	.000534	.000549	.000621	.000127	.000713	.000996
32	.022365	.028330	.014014	.013306	.009783	.005893	.005062	.003723	.024531	.026804
33	.036703	.049284	.048105	.070677	.040987	.073101	.063007	.023440	.042737	.031893
34	.033434	.006443	.003781	.002740	.003971	.004560	.002828	.000255	.003082	.005962
35	.006297	.011417	.034736	.007312	.001424	.005964	.000940	.000348	.002250	.001332
36	.032041	.036130	.033665	.023512	.015553	.015962	.018084	.003701	.020393	.028989

*** IO CAL PROGRAM 1985

DATE : 6/29/1988 PAGE = 10

	31	32	33	34	35	36
1	.005420	.012383	.045318	.017959	.042070	.016845
2	.003237	.003690	.003416	.006013	.005703	.011880
3	.007224	.016966	.076363	.009357	.011004	.022103
4	.008861	.007407	.007194	.021040	.031717	.073960
5	.002056	.003197	.003765	.029046	.097755	.006587
6	.003860	.008501	.004214	.002342	.001778	.008896
7	.012144	.023486	.027968	.574294	.735763	.031984
8	.022551	.040346	.051045	.059108	.093771	.024992
9	.000125	.000193	.000170	.000580	.000524	.000891
10	.005143	.001767	.001712	.008055	.001782	.014052
11	.020050	.116715	.022242	.133632	.067693	.097564
12	.024300	.026900	.026795	.044320	.040187	.080340
13	.002975	.005542	.005456	.011710	.004143	.023275
14	.005183	.004461	.004344	.009210	.009703	.115888
15	.010213	.007109	.007055	.016404	.017155	.139374
16	.003037	.003114	.002052	.004489	.003002	.015491
17	.005253	.005277	.006153	.010038	.010641	.057720
18	.021734	.012536	.011352	.072983	.017285	.086001
19	.015436	.008547	.011055	.012144	.007379	.060145
20	.011812	.001342	.002167	.002626	.001941	.009294
21	.052297	.006866	.011128	.013201	.009935	.047281
22	.001167	.004532	.001009	.001844	.000743	.001657
23	.007204	.012337	.012189	.145486	.105323	.038730
24	.014016	.010890	.008249	.009423	.007993	.014411
25	.042221	.047351	.040820	.058391	.066246	.034624
26	.035714	.063456	.076281	.430158	.146055	.150502
27	.018064	.032071	.046639	.078142	.056421	.137779
28	.010729	.018914	.028556	.027869	.017619	.044710
29	.038362	.024056	.024312	.060549	.053379	.033768
30	.011337	.010593	.012130	.012971	.008966	.019324
31	1.000239	.000718	.000660	.000374	.000303	.035151
32	.004805	1.0008635	.009448	.012202	.009205	.027337
33	.091641	.060182	1.102822	.060357	.050232	.153785
34	.004397	.005563	.002825	1.004756	.004776	.003547
35	.001752	.003168	.003667	.017084	1.016871	.009817
36	.006965	.020888	.019211	.025425	.023376	1.022866

Table 10. Final demand converters

10-1 Final demand converters, 1951

COMPOSITION RATIO OF FD

*** IO CAL PROGRAM 1951

DATE : 6/28/1988 PAGE = 11

	1	2	3	4	5	6	7	8
1	.000000	.270171	.005483	.000000	.000000	.064031	.021052	.156892
2	.000000	.001080	.029055	.000000	.000000	-.031181	.006573	-.001268
3	.230186	.134703	.001103	.000000	.000000	.143056	.025842	.097885
4	.000081	.079777	.017530	.000000	.000888	.293089	.311821	.098815
5	.000227	.002578	.004749	.000358	.000180	.016464	.021397	.005199
6	.000000	.002258	.000000	.008625	.004314	.001487	.000901	.002296
7	.000000	.002784	.005958	.000000	.000000	.038767	.009549	.005034
8	.000000	.017708	.004712	.000000	.000000	.019041	.000813	.011205
9	.000000	.000000	.000000	.000000	.000000	.005183	.000782	.000364
10	.000013	.006687	.008535	.000000	.000000	.012986	.006399	.005621
11	.000000	.014187	.002249	.000000	.000000	.134253	.035800	.019367
12	.000000	.001956	.005191	.000000	.000000	.014335	.000728	.002188
13	.000071	.001845	.000067	.000000	.001204	.020005	.029986	.005881
14	.000000	.000000	.000000	.000000	.000000	.002926	.001655	.000354
15	.000000	.000306	.000000	.000000	.000000	.111440	.096985	.018082
16	.000000	.002645	.005922	.000000	.000000	-.003946	.020946	.004132
17	.000000	.002156	.000000	.000000	.006780	.003735	.026719	.005464
18	.000000	.001501	.001149	.000000	.176413	.018449	.027822	.026129
19	.000000	.003912	.000020	.014136	.069373	.035295	.015236	.014740
20	.000000	.000000	.000000	.003147	.076401	.000000	.013026	.010779
21	.000000	.001821	.000000	.009669	.176812	.000000	.019174	.024731
22	.000000	.002103	.000000	.008385	.005365	.000879	.004694	.002815
23	.001084	.006859	.000000	.000000	.000436	.011502	.016829	.006588
24	.000000	.000000	.021783	.839484	.370132	.000000	.012366	.087572
25	.000000	.017018	.009521	.000000	.000000	.000000	.000000	.009979
26	.014567	.139378	.015486	.062190	.050765	.053938	.072646	.099869
27	.000000	.061574	.031746	.000000	.000000	.000000	.006390	.036748
28	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
29	.322753	.043983	.005935	.004006	.003245	.034265	.100997	.056503
30	.000000	.002181	.035291	.000000	.000000	.000000	.004354	.003546
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.000000	.038501	.367509	.000000	.000000	.000000	.000000	.040195
33	.431017	.139502	.000000	.000000	.057688	.000000	.001394	.107488
34	.000000	.000000	.001676	.000000	.000000	.000000	.000000	.000085
35	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
36	.000000	.000327	.000000	.000000	.000000	.000000	.004723	.000759
37	.000000	.000000	.419332	.000000	.000000	.000000	.082404	.031426
38	.999999	1.000001	1.000002	1.000000	1.000001	.999999	1.000003	.999999

Note: For final demand items, refer to Table 2.

10-2 Final demand converters, 1955

COMPOSITION RATIO OF FD

*** IO CAL PROGRAM 1955

DATE : 5/ 4/1983 PAGE = 11

32	.000000	.038501	.367509	.000000	.000000	.000000	.000000	.040195
33	-.431017	.159502	.000000	.000000	-.057688	.000000	-.001394	-.107488
34	.000000	.000000	.001676	.000000	.000000	.000000	.000000	.000085
35	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
36	.000000	.000327	.000000	.000000	.000000	.000000	.004723	.000759
37	.000000	.000000	.419332	.000000	.000000	.000000	.082404	.031426
38	.999999	1.000001	1.000002	1.000000	1.000001	.999999	1.000003	.999999

Note: For final demand items, refer to Table 2.

10-2 Final demand converters, 1955

COMPOSITION RATIO OF FD

*** IO CAL PROGRAM 1955

DATE : 5/ 4/1958 PAGE = 11

	1	2	3	4	5	6	7	8
1	.026373	.074487	.002432	.000000	.000000	.506642	.022994	.052901
2	.000000	.000931	.008557	.000000	.000000	-.029656	.002560	.000432
3	.155126	.275702	.011645	.000000	.000000	.164358	.025144	.135595
4	.009264	.062659	.010141	.000000	.005043	.202889	.249217	.073362
5	.000000	.000000	.000000	.000000	.000000	.000000	.016553	.001849
6	.000727	.004429	.009547	.000000	.006777	.000000	.004886	.004443
7	.000000	.002243	.009852	.000000	.000000	.002003	.007174	.002607
8	.026840	.013520	.066980	.000000	.000000	.000000	.001069	.011989
9	.000000	.000000	.000000	.000000	.000000	.000121	.000087	.000014
10	.000000	.000277	.002470	.000000	.000000	.002050	.004333	.000797
11	.049287	.012527	.005430	.000000	.000000	.036216	.028106	.013939
12	.000000	.003025	.007341	.000000	.000000	.014225	.006865	.003277
13	.000000	.001133	.001205	.000000	.000000	.002213	.023661	.003449
14	.000000	.000000	.000000	.000000	.000000	-.010000	.006200	.000442
15	.000000	.000265	.002235	.000000	.000000	-.013424	.075215	.008309
16	.000000	.000102	.001358	.000000	.000000	-.015558	.024127	.002415
17	.000000	.002360	.006387	.000000	.006511	.002468	.021468	.005207
18	.000000	.000818	.008025	.023494	.168883	.074049	.038052	.027068
19	.000000	.005876	.004645	.051957	.075912	.027915	.009477	.016323
20	.000000	.000143	.000548	.017152	.063384	.007348	.003631	.008715
21	.000000	.001321	.030485	.040973	.106379	.000269	.036885	.020420
22	.000000	.002344	.000000	.000000	.003971	-.000230	.014986	.003391
23	.008052	.018192	.007845	.000000	.000000	.001699	.031360	.015561
24	.000000	.000000	.000000	.866424	.519504	.000000	.009387	.104340
25	.000000	.015713	.010165	.000000	.000000	.000000	.003340	.010562
26	.048150	.146389	.020489	.000000	.039824	.022261	.080569	.103103
27	.000000	.084567	.264269	.000000	.000000	.000000	.004524	.062861
28	.229977	.042442	.072680	.000000	.003807	.006025	.118175	.051623
29	.000000	.003357	.023138	.000000	.000000	.000000	.007232	.004048
30	.022839	.083959	.007276	.000000	.000000	.000000	.000000	.053621
31	.416919	.135673	.135994	.000000	.000000	.000000	.050052	.111086
32	.000000	.000398	.000000	.000000	.000000	.000000	.000000	.000249
33	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
34	.000000	.000457	.003086	.000000	.000000	.000000	.008260	.001316
35	.000000	.000000	.000000	.000000	.000000	.000000	.002589	.000289
36	.006446	.002692	.265632	.000000	.000000	-.004287	.061213	.018174
37	1.000000	1.000001	1.000001	1.000000	1.000000	1.000001	1.000001	1.000000

10-3 Final demand converters, 1960

COMPOSITION RATIO OF FD

*** IO CAL PROGRAM 1760

DATE : 5/ 4/1988 PAGE = 11

	1	2	3	4	5	6	7	8
1	.007903	.062266	.000561	.000233	-.004382	.129123	.031486	.038520
2	.000000	.000983	.000983	.000000	.000000	.001692	.000470	.000662
3	.079190	.295310	.000000	.000000	.000000	.127404	.032317	.152977
4	.041523	.078287	.002575	.000288	.000675	.105305	.205882	.063767
5	.000685	.002370	.000168	.000000	-.000342	.005729	.018446	.003151
6	.016359	.003392	.000402	.003150	.006011	.006772	.001889	.004387
7	.001722	-.000928	.001465	.000000	.000000	.022373	.009435	.001479
8	.005693	.008992	.008780	.000000	.000000	.008516	.001502	.005788
9	.000000	.001650	.000201	.000000	.000000	.002339	.002309	.001114
10	.000926	.003967	.000273	.000000	.000000	.014367	.019342	.004378
11	.046647	.013366	.003841	.000000	.000000	.058776	.034073	.014592
12	.000028	.003730	.008393	.000000	.000000	.033857	.006810	.004373
13	.002445	-.001914	.000077	.000000	.000000	.022736	.026330	.002610
14	.000000	-.000409	-.000316	-.009213	-.018126	-.025274	.002887	-.004683
15	.000000	.000000	.000014	.000000	-.000252	.054218	.070644	.008854
16	.000000	-.000118	.000064	-.011663	-.010209	.020085	.005992	-.001448
17	.002773	.002492	.001167	.004316	.003737	.031981	.030902	.006373
18	.001782	.005493	.002853	.056388	.198179	.110724	.044705	.051030
19	.009515	.019742	.007726	.078633	.067242	.123931	.055452	.038136
20	.000000	.001002	.001265	.017933	.070658	.029317	.028433	.018183
21	.000000	.009244	.025292	.007551	.060014	.027051	.074772	.030752
22	.000000	.005186	.000732	.010376	.004760	.018683	.021113	.006910
23	.015046	.008637	.000671	.001169	.000676	.015299	.051800	.010788
24	.000000	.000000	.003734	.750759	.559143	.000000	.003193	.156167
25	.000217	.019379	.015034	.000000	.000000	.000002	.002554	.011142
26	.150370	.132359	.008181	.017714	.041110	.036117	.033753	.034368
27	.000000	.127949	.028744	.000000	.000000	.000000	.001231	.063650
28	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
29	.011567	.052633	.019964	.002070	.003475	.012787	.133867	.041960
30	.000166	.002343	.010092	.000000	.000000	.000000	.002710	.002542
31	.000000	.000000	.490796	.000000	.000000	.000000	.000000	.044237
32	.000000	.058682	.351410	.000000	.000000	.000000	.000396	.059661
33	.336529	.105027	.003470	.000000	.000000	.000000	.001610	.058989
34	.000000	.000000	.002704	.000000	.000000	.000000	.000000	.000244
35	.000000	.000000	.000080	.000000	.000000	.000000	.000000	.000007
36	.192906	-.002319	-.002015	.000000	.008363	.006084	.043671	.003326
37	1.000002	.999998	1.000001	.999999	1.000001	.999999	.999999	1.000004

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10-4 Final demand converters, 1965

COMPOSITION RATIO OF FD

*** IO CAL PROGRAM 1760

DATE : 5/ 4/1988 PAGE = 11

33	.336529	.105027	.331410	.000000	.000000	.000000	.000396	.039661
34	.000000	.000000	.002704	.000000	.000000	.000000	.001616	.058989
35	.000000	.000000	.000080	.000000	.000000	.000000	.000000	.000244
36	.192906	-.023619	-.002015	.000000	.008363	.000000	.000000	.000007
37	1.000002	.999998	1.000001	.999999	1.000001	.999999	.043671	.003826
							.999999	1.000004

10-4 Final demand converters, 1965

COMPOSITION RATIO OF FD

*** IO CAL PROGRAM 1965

DATE : 5/ 4/1983 PAGE = 11

	1	2	3	4	5	6	7	8
1	.012553	.060124	.000106	.000428	.008912	.187439	.020068	.036272
2	.000000	.000541	.000653	.000000	.000000	.034846	.000638	.000964
3	.091715	.226202	.000000	.000000	.000000	.249095	.024384	.120387
4	.030137	.070184	.003636	.001293	.003010	.088043	.123449	.050102
5	.000609	.002072	.000182	.000000	.000303	.006469	.010761	.002366
6	.015183	.004235	.000921	.000406	.007583	.010349	.001270	.004928
7	.003799	-.000239	.001424	.000000	.000000	.033667	.006394	.001358
8	.004621	.009624	.008297	.000000	.000000	.000753	.001847	.005815
9	.000000	.002057	.000217	.000000	.000000	.002907	.002474	.001304
10	.000365	.003631	.000882	.000000	.000000	.011310	.017988	.003840
11	.027453	.016161	.004032	.000000	.000000	.134242	.062992	.017916
12	.000027	.007342	.010336	.000000	.000000	.004525	.011501	.005670
13	.003213	.000131	.000083	.000000	.000000	.030486	.020799	.002798
14	.000000	-.000214	-.000311	-.004506	-.008323	-.003086	.001563	-.001991
15	.000000	.000000	.000012	.000000	.000000	-.011570	.120035	.011765
16	.000000	-.000111	-.000031	-.009632	-.008385	.009168	.011917	-.001027
17	.006323	.007527	.004580	.009502	.008189	.020901	.028723	.009975
18	.001924	.006384	.002425	.056032	.165639	-.029107	.059667	.043807
19	.008337	.015191	.010114	.070769	.060228	-.001902	.079614	.033178
20	.000000	.004315	.001319	.027585	.108156	.048451	.025406	.027408
21	.000000	.008555	.018596	.038396	.033939	.005130	.100722	.025112
22	.000000	.007437	.000334	.013128	.005994	.021583	.024310	.008536
23	.014530	.012355	.002083	.004599	.002645	.020962	.039926	.012058
24	.000000	.000000	.004741	.756247	.560444	.000000	.000000	.162861
25	.000133	.021270	.027912	.000000	.000000	.000000	.000982	.012334
26	.149147	.156022	.008877	.021373	.049363	.065606	.050050	.100670
27	.000000	.143403	.029676	.000000	.000000	.000000	.001072	.072040
28	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
29	.013777	.048344	.020523	.003396	.006509	.025666	.133022	.041012
30	.000100	.004157	.008399	.000000	.000000	.000000	.000456	.002840
31	.000000	.000000	.336529	.000000	.000000	.000000	.000000	.033872
32	.000000	.034356	.424113	.000000	.000000	.000000	.000345	.078217
33	.414947	.100026	.004210	.000000	.000000	.000000	.005367	.070897
34	.000000	.000000	.003293	.000000	.000000	.000000	.000000	.000288
35	.000000	.000000	.000982	.000000	.000000	.000000	.000000	.000007
36	.197735	-.022441	.011156	.006342	-.004311	.034067	.012257	.001920
37	.999998	1.000004	1.000000	.999998	1.000000	1.000000	.999999	.999999

10-5 Final demand converters, 1970

COMPOSITION RATIO OF FD

*** IO CAL PROGRAM 1970

DATE : 5/ 4/1983 PAGE = 11

	1	2	3	4	5	6	7	8
1	.011715	.046658	.000008	.000000	.004905	.002115	.010537	.023564
2	.000000	.000085	.000151	.000000	.000000	.024679	.000714	.000812
3	.038519	.176175	.000001	.000000	.000000	.036137	.018018	.085008
4	.027832	.063227	.003663	.000596	.001977	.063454	.076575	.039651
5	.001734	.000371	.000012	.000484	.000594	.000117	.005449	.001181
6	.021391	.004730	.000432	.010986	.009745	.022705	.001192	.006347
7	.002933	.000086	.001783	.000000	.000000	.021424	.006831	.001573
8	.005963	.009227	.005988	.000000	.000000	.004609	.001837	.005113
9	.000000	.001938	.000249	.000000	.000000	.001736	.002315	.001169
10	.000927	.002980	.001189	.000000	.000000	.004192	.013972	.002990
11	.028150	.016134	.005729	.000000	.000000	.085507	.060706	.017243
12	.000021	.008607	.005092	.000000	.000000	.024615	.005950	.005522
13	.010714	.001486	.000113	.000000	.000000	.021958	.014916	.003202
14	.000000	.000345	.000310	.002202	.002233	.013132	.000772	.000424
15	.000000	.000000	.000265	.000000	.000000	.018073	.114223	.012103
16	.000000	.000159	.000050	.003809	.004937	.008133	.010667	.000209
17	.010517	.007930	.003924	.006971	.008543	.112250	.029453	.012891
18	.001279	.003696	.003746	.065160	.179655	.138205	.081640	.060454
19	.016745	.021260	.006790	.054988	.088552	.203560	.108794	.052130
20	.000000	.006001	.001037	.035293	.031593	.026171	.061691	.035472
21	.000000	.008529	.025310	.025353	.025920	.023993	.088807	.023433
22	.000000	.007161	.000563	.007371	.005309	.030109	.028614	.008860
23	.018286	.012633	.001481	.006315	.004007	.031813	.030195	.011385
24	.000000	.000000	.007695	.690378	.520506	.000000	.000000	.176913
25	.000107	.017361	.028357	.000000	.000000	.000000	.000412	.010141
26	.036832	.153949	.007564	.047775	.072163	.064234	.053461	.100362
27	.000000	.166462	.044198	.000000	.000000	.000000	.002025	.077982
28	.000000	.000000	.003544	.000000	.000000	.000000	.000927	.000357
29	.004879	.056446	.021708	.002656	.004722	.007823	.138104	.042568
30	.000015	.006378	.006436	.000000	.000000	.000000	.001154	.003449
31	.000000	.000000	.370189	.000000	.000000	.000000	.000000	.027437
32	.000000	.077346	.387587	.000000	.000000	.000000	.000145	.063358
33	.641037	.122373	.010515	.000000	.000000	.000000	.004917	.030327
34	.000000	.000000	.003904	.000000	.000000	.000000	.000000	.000289
35	.000000	.000000	.000112	.000000	.000000	.000000	.000000	.000005
36	.020400	.000221	.041604	.000178	.001023	.009490	.024979	.006329
37	1.000001	1.000002	1.000002	.999998	.999998	1.000000	.999997	1.000000

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10-6 Final demand converters, 1975

COMPOSITION RATIO OF FD

*** IO CAL PROGRAM 1975

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33	.641037	.122373	.010515	.000000	.000000	.000000	.000145	.053358
34	.000000	.000000	.003904	.000000	.000000	.000000	.004917	.030327
35	.000000	.000000	.000112	.000000	.000000	.000000	.000000	.000289
36	.020400	-.000221	.041504	.000178	-.001023	.009490	.024979	.000005
37	1.000001	1.000002	1.000002	.999998	.999998	1.000000	.999997	1.000000

10-6 Final demand converters, 1975

COMPOSITION RATIO OF FD

*** IO CAL PROGRAM 1975

DATE : 5/ 4/1988

PAGE = 11

	1	2	3	4	5	6	7	8
1	.009333	.036323	.000000	.000000	.002573	.733808	.002297	.021251
2	.000000	.000000	.000000	.000000	.000000	-.322210	.000569	-.000874
3	.064387	.153293	.000000	.000000	.000000	-.053821	.009973	.032935
4	.022400	.050749	.000000	.000000	.001793	.235794	.039645	.031313
5	.001549	.000993	.000000	.000334	.000539	-.082386	.001458	.000616
6	.019108	.003393	.000000	.007177	.059164	.060050	.000685	.004997
7	.002620	.000307	.000000	.000000	.000000	-.170691	.006594	.000498
8	.005333	.009570	.000000	.000000	.000000	.082012	.000905	.005209
9	.000000	.001950	.000000	.000000	.000000	-.001386	.002118	.001187
10	.000794	.002963	.000000	.000000	.000000	.054466	.010489	.002834
11	.015296	.012350	.000000	.000000	.000000	.140181	.064851	.014431
12	.004479	.005021	.000000	.000000	.000000	.091776	.014280	.004521
13	.009571	.000942	.000000	.000000	.000000	.020306	.012471	.002311
14	.000000	-.000322	.000000	-.001259	-.002025	.115103	.003670	.000109
15	.000000	.000000	.000000	.000000	.000000	.120565	.139835	.016354
16	.000000	-.000015	.000000	.000000	-.003519	.131611	.011665	.001005
17	.012379	.005293	.000000	.003330	.009527	.043099	.027970	.008662
18	.000041	.000596	.000000	.002312	.139433	.078615	.096075	.041503
19	.016060	.015346	.000000	.004459	.030595	-.396496	.091904	.036953
20	.000000	.011179	.000000	.058377	.051764	-.124151	.096550	.030796
21	.000000	.002168	.000000	.013706	.011603	-.039903	.116232	.017437
22	.000000	.004982	.000000	.007231	.006739	-.015558	.024717	.007089
23	.016579	.011355	.000000	.006563	.006493	.051320	.015250	.010093
24	.000000	.000000	.000000	.790130	.605369	.000000	.000000	.179907
25	.000049	.019266	.029361	.000000	.000000	.000000	.000131	.011901
26	.001521	.161234	.000000	.025505	.067424	.237287	.040781	.102225
27	.000000	.156959	.000000	.000000	.000000	.000000	.002518	.076698
28	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
29	.005492	.073263	.000000	.002776	.006534	.060610	.121121	.051410
30	.000013	.008023	.000000	.000000	.000000	.000000	.000534	.003967
31	.000000	.007347	.540232	.000000	.000000	.000000	.000000	.048892
32	.018435	.114704	.429907	.000000	.000000	.000000	.000084	.092614
33	.690551	.117362	.000000	.000000	.000000	.000000	.004273	.083993
34	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
35	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
36	.003403	.001553	.000000	.005323	.005373	.000000	.040355	.007155
37	.999993	1.000001	1.000000	.999999	1.000000	1.000001	1.000000	.999997

10-7 Final demand converters, 1980

COMPOSITION RATIO OF FD

*** IO CAL PROGRAM 1980

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	1	2	3	4	5	6	7	8
1	.010677	.029481	.000000	.000000	.003475	-.152138	.002179	.014789
2	.000000	.000036	.000000	.000000	.000000	.106009	.000567	.000785
3	.056390	.140346	.000000	.000000	.000000	-.020854	.009430	.072107
4	.022592	.040282	.000000	.000720	.001585	.043006	.030468	.024917
5	.002031	.000602	.000000	.000231	.000501	.030554	.000896	.000787
6	.016565	.002826	.000000	.005292	.008723	.028181	.000929	.004293
7	.003191	-.000500	.000000	.000000	.000000	.054731	.005755	.000917
8	.003986	.008209	.000000	.000000	.000000	.005375	.001132	.004355
9	.000000	.002072	.000000	.000000	.000000	.000866	.001733	.001234
10	.000797	.002918	.000000	.000000	.000000	.005506	.010616	.002773
11	.012614	.011833	.000000	.000000	.000000	.064490	.051330	.012845
12	.005966	.006531	.000000	.000000	.000000	-.132357	.010568	.003819
13	.011936	.000867	.000000	.000000	.000000	.051206	.013854	.002845
14	.000000	-.000299	.000000	-.001135	-.002071	-.036595	.000727	-.000771
15	.000000	.000000	.000000	.000000	.000000	-.058233	.095719	.011077
16	.000000	.000526	.000000	.000000	-.001132	.054400	.019765	.002778
17	.012909	.005094	.000000	.004288	.008572	.037448	.028318	.008513
18	.000000	.000263	.000000	.019759	.123033	.385817	.115870	.040603
19	.014641	.015239	.000000	.074717	.083720	.279355	.142136	.048196
20	.000000	.010534	.000000	.033832	.053495	.069329	.159546	.037244
21	.000000	.002178	.000000	.008800	.017714	.174276	.054792	.012727
22	.000000	.004840	.000000	.009176	.009444	.054153	.032212	.009063
23	.016724	.012325	.000000	.005705	.006682	-.007434	.017926	.010438
24	.000000	.000000	.000000	.812349	.609744	.000000	.000000	.176854
25	.000396	.024516	.028849	.000000	.000000	.000000	.000124	.014487
26	.092890	.156209	.000000	.023872	.072062	.059750	.053172	.102059
27	.000000	.170281	.000000	.000000	.000000	.000000	.008161	.084846
28	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
29	.011893	.081489	-.011481	.002394	.004454	.014865	.107528	.055483
30	.000019	.009781	.000000	.000000	.000000	.000000	.000581	.004888
31	.000000	.001708	.536662	.000000	.000000	.000000	.000000	.045166
32	.017903	.131937	.423008	.000000	.000000	.000000	.000063	.100561
33	.685873	.126825	.000000	.000000	.000000	.000000	.003125	.087056
34	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
35	.000000	.001051	.000000	.000000	.000000	.000000	.000000	.000518
36	.000000	.000000	.000000	.000000	.000000	-.111708	.020778	.001751
37	.999998	1.000000	1.000000	1.000000	1.000001	.999998	1.000000	1.000003

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10-8 Final demand converters, 1985

COMPOSITION RATIO OF FD

*** IO CAL PROGRAM 1985

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33	.685873	.126825	.000000	.000000	.000000	.000000	.000000	.000000	.100561
34	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.087056
35	.000000	.001051	.000000	.000000	.000000	.000000	.000000	.000000	.000000
36	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000518
37	.999998	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	.001751

10-8 Final demand converters, 1985

COMPOSITION RATIO OF FD

*** IO CAL PROGRAM 1985

DATE : 6/29/1988 PAGE = 11

	1	2	3	4	5	6	7	8
1	.010677	.025819	.000000	.000000	.002492	.309718	.001339	.015133
2	.000000	.000040	.000000	.000000	.000000	-.128222	.000403	-.000459
3	.056390	.130699	.000000	.000000	.000000	.143313	.006622	.068519
4	.022592	.036249	.000000	.000704	.001244	-.035935	.023041	.022046
5	.002031	.000473	.000000	.000230	.000411	-.005985	.000453	.000431
6	.016565	.002611	.000000	.004501	.006275	.001321	.000944	.003419
7	.003191	-.000283	.000000	.000000	.000000	.041387	.004900	.000802
8	.003986	.006284	.000000	.000000	.000000	.006558	.001391	.003482
9	.000000	.001577	.000000	.000000	.000000	-.009285	.001470	.000913
10	.000797	.003076	.000000	.000000	.000000	.008073	.009114	.002815
11	.012614	.012668	.000000	.000000	.000000	-.113309	.043027	.012054
12	.005966	.018185	.000000	.000000	.000000	-.242526	.007120	.009208
13	.011935	.000622	.000000	.000000	.000000	.008365	.011768	.002347
14	.000000	-.000155	.000000	-.001015	-.001533	-.041490	.000960	-.000458
15	.000000	.000000	.000000	.000000	.000000	-.076450	.063249	.008169
16	.000000	.000479	.000000	.000000	.002574	-.191496	.011519	.001443
17	.012909	.005328	.000000	.004203	.008207	.056790	.018098	.007495
18	.000000	.000253	.000000	.025034	.131931	.434626	.123521	.043433
19	.014641	.017364	.000000	.129235	.150777	.547466	.209285	.074479
20	.000000	.009653	.000000	.037423	.054592	-.074511	.189281	.041947
21	.000000	.013062	.000000	.005918	.015955	.041654	.047641	.016265
22	.000000	.004250	.000000	.012358	.010834	.074496	.029661	.009146
23	.016724	.012619	.000000	.006524	.007487	.114409	.018132	.011524
24	.000000	.000000	.000000	.744512	.522704	.000000	.000000	.140286
25	.000396	.030175	.033304	.000000	.000000	.000000	.000181	.017966
26	.092890	.140843	.000000	.025950	.079776	.116593	.058620	.097497
27	.000000	.185791	.000000	.000000	.000000	.000000	.006042	.093255
28	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
29	.011393	.055004	.010157	.003923	.006278	.013602	.085181	.041527
30	.000019	.008190	.000000	.000000	.000000	.000000	.000968	.004206
31	.000000	.001973	.533905	.000000	.000000	.000000	.000000	.047699
32	.017903	.139693	.422634	.000000	.000000	.000000	.000103	.107137
33	.685873	.136575	.000000	.000000	.000000	.000000	.003625	.092803
34	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
35	.000000	.000942	.000000	.000000	.000000	.000000	.000000	.000469
36	.000000	.000000	.000000	.000000	.000000	.000837	.022340	.003001
37	.999998	.999999	1.000000	1.000000	1.000000	.999999	.999999	.999999

Part 2.
1980 Constant Price Tables,
1970 and 1975

Table 1. Interindustry transaction

1-1 Interindustry transaction, 1970

(1980 prices, billion yen)

I	RI01770	I 01 AGRICUL- TURE ETC.	I 02 MINING	I 03 FOOD PROCESSING	I 04 TEX- TILES	I 05 LUMBER AND WOOD	I 06 FURNI- TURE ETC.	I 07 PULP AND PAPER	I 08 PRINT- ING, PUBL.	I
I 01	AGRICULTURE, ETC.	2404.082	8.431	8612.090	966.892	2511.143	0.323	115.726	0	I
I 02	MINING	0.347	12.186	7.613	2.207	0.089	0	25.742	0	I
I 03	FOOD PROCESSING	996.383	0	2901.434	15.307	10.569	0	3.049	0	I
I 04	TEXTILES	161.739	4.757	15.154	3710.522	9.754	38.774	10.324	22.017	I
I 05	LUMBER AND WOOD	30.059	4.019	54.863	8.602	383.119	713.143	342.938	0.937	I
I 06	FURNITURE, FIXTURE	1.758	1.016	3.057	12.958	2.501	26.528	4.563	2.031	I
I 07	PULP AND PAPER	93.218	0	115.295	19.180	35.099	18.540	2171.965	738.456	I
I 08	PRINTING, PUBLISH.	9.378	7.295	81.987	76.928	12.466	11.396	475.112	703.515	I
I 09	LEATHER & PROD.	0.052	0	0	34.577	0	0.315	0.377	1.337	I
I 10	RUBBER PRODUCTS	10.061	8.227	3.371	53.569	0.669	10.143	1.962	3.169	I
I 11	CHEMICALS	533.314	24.851	185.221	882.894	91.322	42.250	160.201	92.742	I
I 12	PETROLEUM & COAL	523.099	232.133	303.863	125.711	43.706	17.890	181.926	7.221	I
I 13	NONMETAL MINERALS	43.723	0.096	217.312	0	2.886	10.558	4.581	0.074	I
I 14	IRON & STEEL MAT.	0	0	0	0	0	0	0	0	I
I 15	IRON & STEEL PROD	2.397	11.301	0	0.148	3.528	91.454	0	0	I
I 16	NONFERROUS METALS	0.021	0.812	24.370	2.626	3.157	9.646	1.353	23.795	I
I 17	FABRICATED METALS	31.911	29.619	180.403	59.797	21.029	103.437	9.233	0.263	I
I 18	GENERAL MACHINERY	65.286	23.598	41.696	37.679	15.787	6.607	15.901	9.721	I
I 19	ELECTRICAL MACH.	0.581	10.240	0.542	7.103	0.284	3.058	0	5.016	I
I 20	MOTOR VEHICLES	21.732	105.917	19.990	19.630	13.796	3.872	12.272	2.360	I
I 21	OTHER TRANSPORT	59.044	1.121	0.367	0	0.034	0	0.094	0	I
I 22	PRECISION INST.	0.163	0.050	0.319	0.434	0.138	0.054	0.165	0.294	I
I 23	MANUFACTURING NEC	51.223	1.261	107.414	52.534	11.315	33.037	0.004	37.152	I
I 24	CONSTRUCTION	125.332	19.219	59.264	28.312	10.409	15.154	13.943	16.366	I
I 25	EL, GAS, WATER	43.712	73.316	190.603	137.608	65.560	39.636	237.573	37.029	I
I 26	WHOLESALE RETAIL	234.585	48.492	783.415	531.679	149.302	131.555	150.995	132.666	I
I 27	FIN, INS, ESTATE	243.317	50.670	190.235	291.611	61.608	18.875	115.394	79.073	I
I 28	REAL ESTATE RENT	10.587	8.843	39.693	15.219	4.295	5.550	17.059	15.374	I
I 29	TRANSPORTATION	197.170	50.253	399.878	213.809	172.106	33.916	121.535	39.143	I
I 30	COMMUNICATION	7.963	9.431	59.454	57.192	17.220	15.862	15.595	10.736	I
I 31	PUBLIC ADMIN.	0	0	0	0	0	0	0	0	I
I 32	PUBLIC SERVICES	0.743	1.737	21.111	14.972	1.851	2.950	3.523	0.046	I
I 33	PRIVATE SERVICES	3.314	11.572	425.359	97.189	33.341	35.070	43.393	114.978	I
I 34	OFFICE SUPPLIES	27.365	12.016	28.957	28.832	1.355	9.500	30.056	22.354	I
I 35	PACKING MATERIALS	25.323	0.115	234.205	294.112	7.193	41.929	74.556	15.906	I
I 36	ACTIVITIES N.E.C.	165.725	77.701	327.951	293.381	42.539	51.439	220.332	103.537	I
I	RI01770S	I 6128.715	I 900.395	I 15645.006	I 3193.214	I 3949.170	I 1632.601	I 4553.924	I 2337.458	I
I	SUBTOTAL	I	I	I	I	I	I	I	I	I

I RI01970S	I 09 LEATHER I 10 RUBBER I 11 CHEMI- I 12 PETROL- I 13 NONMET- I 14 IRON & I 15 IRON & I 16 NONFER-
I	I & PRODUCTS I PRODUCTS I CALS I EUM & COAL I AL MINERAL I STEEL MAT. I STEEL PROD I ROUS METAL I
I SUBTOTAL	I 305.557 I 1053.248 I 11636.625 I 11735.599 I 3762.027 I 7105.432 I 12073.722 I 3446.781 I

I RI01970	I 17 FABRICA I 18 GENERAL I 19 ELECTRI I 20 MOTOR I 21 OTHER T I 22 PRECI- I 23 MANUFAC I 24 CONST-
I	I TED METALS I MACHINERY I -CAL MACH. I VEHICLES I RANSPORT I SION, INST I -TURING NE I RUCTION I
I 01 AGRICULTURE, ETC.	I 0.306 I 0 I 0 I 0 I 0 I 0 I 53.509 I 59.236 I
I 02 MINING	I 1.006 I 6.860 I 6.289 I 0.332 I 1.084 I 0.044 I 7.312 I 692.734 I
I 03 FOOD PROCESSING	I 0 I 0 I 0 I 0 I 0 I 0 I 5.216 I 0 I
I 04 TEXTILES	I 20.248 I 14.973 I 28.869 I 18.038 I 14.788 I 7.825 I 63.990 I 396.455 I
I 05 LUMBER AND WOOD	I 29.167 I 14.262 I 11.502 I 20.369 I 58.916 I 2.212 I 155.528 I 2947.748 I
I 06 FURNITURE, FIXTURE	I 2.786 I 32.191 I 166.026 I 10.183 I 12.490 I 2.325 I 2.211 I 593.661 I
I 07 PULP AND PAPER	I 17.590 I 19.537 I 101.547 I 14.158 I 2.589 I 3.409 I 145.105 I 90.648 I
I 08 PRINTING, PUBLIS.	I 27.792 I 57.591 I 98.364 I 35.846 I 9.584 I 14.131 I 19.337 I 36.931 I
I 09 LEATHER & PROD.	I 0.252 I 5.839 I 4.382 I 0.669 I 4.310 I 36.990 I 19.559 I 0 I
I 10 RUBBER PRODUCTS	I 23.025 I 145.903 I 59.752 I 585.868 I 67.513 I 3.908 I 2.690 I 8.766 I
I 11 CHEMICALS	I 49.546 I 60.892 I 158.659 I 77.668 I 68.917 I 5.360 I 1107.568 I 211.357 I
I 12 PETROLEUM & COAL	I 194.571 I 252.736 I 157.206 I 64.562 I 46.543 I 16.228 I 94.313 I 837.354 I
I 13 NONMETAL MINERALS	I 61.391 I 53.426 I 204.427 I 63.625 I 9.021 I 19.743 I 30.314 I 3509.648 I
I 14 IRON & STEEL MAT.	I -21.400 I -46.854 I -31.199 I -49.813 I -14.182 I -3.254 I 0 I -3.892 I
I 15 IRON & STEEL PROD	I 1749.493 I 2014.011 I 704.997 I 777.225 I 496.994 I 102.579 I 35.361 I 1435.130 I
I 16 NONFERROUS METALS	I 572.600 I 357.618 I 1123.672 I 306.745 I 104.332 I 96.506 I 69.911 I 439.851 I
I 17 FABRICATED METALS	I 331.101 I 237.751 I 166.435 I 100.223 I 84.434 I 2.015 I 23.787 I 2770.502 I
I 18 GENERAL MACHINERY	I 16.020 I 3339.882 I 248.645 I 645.069 I 411.597 I 60.703 I 15.305 I 620.442 I
I 19 ELECTRICAL MACH.	I 2.762 I 643.056 I 1984.702 I 315.258 I 95.643 I 15.304 I 3.267 I 507.710 I
I 20 MOTOR VEHICLES	I 17.011 I 32.912 I 20.443 I 1930.482 I 4.617 I 2.388 I 11.368 I 366.642 I
I 21 OTHER TRANSPORT	I 0 I 0 I 0 I 5.424 I 465.824 I 0 I 0 I 0 I
I 22 PRECISION INST.	I 0.127 I 34.137 I 32.714 I 52.121 I 20.819 I 239.050 I 0.121 I 10.632 I
I 23 MANUFACTURING NEC	I 14.760 I 39.891 I 455.218 I 188.408 I 58.271 I 44.511 I 574.297 I 418.302 I
I 24 CONSTRUCTION	I 26.768 I 28.308 I 43.293 I 20.624 I 20.758 I 6.647 I 5.372 I 34.402 I
I 25 EL, GAS, WATER	I 104.476 I 174.724 I 168.588 I 142.810 I 41.900 I 21.339 I 72.908 I 246.865 I
I 26 WHOLESALE RETAIL	I 313.382 I 915.524 I 740.312 I 492.419 I 230.095 I 111.950 I 219.458 I 2023.449 I
I 27 FIN, INS, ESTATE	I 122.628 I 322.704 I 337.628 I 165.128 I 189.409 I 38.167 I 62.359 I 512.347 I
I 28 REAL ESTATE RENT	I 23.549 I 32.737 I 54.206 I 16.801 I 3.636 I 3.710 I 12.497 I 116.059 I
I 29 TRANSPORTATION	I 125.270 I 255.995 I 165.707 I 114.483 I 59.864 I 27.130 I 75.755 I 1118.696 I
I 30 COMMUNICATION	I 39.379 I 54.158 I 131.092 I 38.487 I 11.391 I 9.714 I 34.505 I 137.035 I
I 31 PUBLIC ADMIN.	I 0 I 0 I 0 I 0 I 0 I 0 I 0 I 0 I
I 32 PUBLIC SERVICES	I 7.375 I 25.635 I 20.448 I 16.595 I 8.918 I 3.336 I 5.909 I 48.705 I
I 33 PRIVATE SERVICES	I 43.337 I 269.342 I 528.738 I 97.073 I 16.293 I 49.013 I 51.244 I 693.386 I
I 34 OFFICE SUPPLIES	I 14.365 I 77.335 I 98.812 I 18.500 I 8.759 I 10.049 I 29.185 I 108.969 I
I 35 PACKING MATERIALS	I 51.923 I 18.913 I 59.756 I 0 I 0 I 9.935 I 163.173 I 0 I
I 36 ACTIVITIES N.E.C.	I 184.612 I 118.919 I 323.432 I 75.414 I 49.076 I 19.851 I 205.190 I 610.201 I

I RI01970S	I 17 FABRICA I 18 GENERAL I 19 ELECTRI- I 20 MOTOR I 21 OTHER I 22 PRECI- I 23 MANUFAC I 24 CONST-
I	I TED METALS I MACHINERY I ICAL MACH. I VEHICLES I TRANSPORT I SION INST. I TURING NEC I RUCTION I
I SUBTOTAL	I 3969.223 I 9721.090 I 8374.662 I 6360.794 I 2664.203 I 932.918 I 3253.334 I 21720.171 I

I RI01770	I 25 EL, I GAS, WATER	I 26 WHOLES I LE RETAIL	I 27 FIN, I INS, ESTATE	I 28 REAL ES I TATE RENT	I 29 TRANS- I PORTATION	I 30 COMMU- I NICATION	I 31 PUBLIC I ADMIN.	I 32 PUBLIC I SERVICES	I
I J1 AGRICULTURE, ETC.	I	I 0	I 0	I 0	I 0	I 0	I 0	I 75.434	I
I J2 MINING	I 905.059	I 0	I 0.219	I 0	I 9.676	I 0.161	I 3.130	I 2.857	I
I J3 FOOD PROCESSING	I 0	I 12.197	I 0	I 0	I 0	I 0	I 0	I 162.347	I
I J4 TEXTILES	I 5.531	I 55.531	I 5.900	I 0.040	I 77.944	I 8.254	I 45.394	I 29.970	I
I J5 LUMBER AND WOOD	I 0.212	I 116.060	I 0	I 0	I 2.231	I 0	I 0.166	I 9.707	I
I J6 FURNITURE, FIXTURE	I 10.124	I 26.982	I 7.557	I 0.135	I 14.372	I 7.469	I 4.138	I 87.357	I
I J7 PULP AND PAPER	I 7.321	I 325.519	I 13.999	I 0	I 15.033	I 7.348	I 21.667	I 31.063	I
I J8 PRINTING, PUBLISH.	I 24.319	I 130.800	I 179.436	I 0.297	I 36.306	I 45.895	I 95.462	I 259.003	I
I J9 LEATHER & PROD.	I 0.017	I 1.816	I 0	I 0	I 0.214	I 1.038	I 4.500	I 0	I
I J10 RUBBER PRODUCTS	I 1.495	I 0	I 0	I 0	I 6.007	I 2.354	I 13.341	I 12.456	I
I J11 CHEMICALS	I 24.443	I 0	I 0	I 0.002	I 4.390	I 3.035	I 49.524	I 706.788	I
I J12 PETROLEUM & COAL	I 2013.701	I 942.509	I 27.614	I 4.753	I 1544.536	I 18.383	I 145.316	I 124.645	I
I J13 NONMETAL MINERALS	I 4.042	I 39.652	I 0	I 0	I 0.958	I 0	I 1.142	I 42.643	I
I J14 IRON & STEEL MAT.	I 0	I 0	I 0	I 0	I 0	I 0	I -3.130	I 0	I
I J15 IRON & STEEL PROD	I 0.239	I 0	I 0	I 0	I 0.237	I 0	I 3.029	I 0	I
I J16 NONFERROUS METALS	I 0.287	I 0	I 0	I 0	I 0.040	I 0	I 1.739	I 45.063	I
I J17 FABRICATED METALS	I 3.224	I 210.247	I 0	I 0	I 16.298	I 0.032	I 17.053	I 11.501	I
I J18 GENERAL MACHINERY	I 17.476	I 2.502	I 12.039	I 0	I 3.664	I 0.513	I 83.993	I 24.245	I
I J19 ELECTRICAL MACH.	I 65.772	I 52.279	I 4.385	I 0	I 5.411	I 6.882	I 37.784	I 7.919	I
I J20 MOTOR VEHICLES	I 58.954	I 1073.940	I 15.240	I 1.275	I 787.771	I 5.248	I 45.317	I 52.281	I
I J21 OTHER TRANSPORT	I 0	I 0	I 0	I 0	I 592.239	I 0	I 259.794	I 1.257	I
I J22 PRECISION INST.	I 5.390	I 57.412	I 0.708	I 0	I 1.166	I 0.225	I 2.743	I 26.468	I
I J23 MANUFACTURING NEC	I 3.027	I 19.538	I 57.635	I 5.657	I 4.011	I 3.483	I 14.004	I 38.909	I
I J24 CONSTRUCTION	I 197.453	I 207.913	I 1521.390	I 146.528	I 130.433	I 7.171	I 93.765	I 146.130	I
I J25 EL, GAS, WATER	I 126.708	I 526.959	I 116.435	I 19.725	I 298.627	I 30.973	I 110.366	I 287.562	I
I J26 WHOLESALE RETAIL	I 32.421	I 602.228	I 40.979	I 1.308	I 100.947	I 14.859	I 73.566	I 596.066	I
I J27 FIN, INS, ESTATE	I 93.367	I 2152.934	I 194.731	I 27.606	I 402.805	I 20.175	I 579.073	I 95.225	I
I J28 REAL ESTATE RENT	I 35.174	I 954.840	I 307.936	I 0	I 125.001	I 24.879	I 45.592	I 51.670	I
I J29 TRANSPORTATION	I 99.482	I 757.892	I 83.849	I 1.138	I 1175.809	I 57.413	I 364.960	I 136.723	I
I J30 COMMUNICATION	I 23.366	I 430.835	I 225.137	I 0	I 72.543	I 38.982	I 82.126	I 42.493	I
I J31 PUBLIC ADMIN.	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I
I J32 PUBLIC SERVICES	I 12.345	I 21.045	I 10.566	I 0.002	I 35.787	I 38.361	I 57.730	I 41.860	I
I J33 PRIVATE SERVICES	I 89.737	I 1018.520	I 594.189	I 13.149	I 197.293	I 27.573	I 180.997	I 145.161	I
I J34 OFFICE SUPPLIES	I 7.752	I 121.793	I 29.814	I 0	I 39.874	I 11.985	I 50.052	I 19.400	I
I J35 PACKING MATERIALS	I 0	I 36.097	I 0	I 0	I 10.574	I 0.233	I 1.639	I 0	I
I J36 ACTIVITIES N.E.C.	I 162.523	I 136.771	I 290.385	I 1.756	I 125.517	I 315.682	I 442.156	I 677.406	I

I RI01770S	I 25 EL,GAS, I WATER	I 26 WHOLES- I ALE, RETAIL	I 27 FIN, I INS, ESTATE	I 28 REAL ES I TATE RENT	I 29 TRANS- I PORTATION	I 30 COMMU- I NICATION	I 31 PUBLIC I ADMIN.	I 32 PUBLIC I SERVICES	I
I SUBTOTAL	I 4041.461	I 10265.923	I 3745.143	I 223.371	I 5344.714	I 708.596	I 2940.723	I 3991.619	I

I RI01770	I 33 PRIVATE I SERVICES	I 34 OFFICE I SUPPLIES	I 35 PACKING I MATERIALS	I 36 ACTIVI- I TIES NEC	I
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I RI00070	I INTERMED. I DEMAND	I
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I	RI01970S	I 25 EL, GAS, I WATER	I 26 WHOLES- I ALE, RETAIL	I 27 FIN, I INS, ESTATE	I 28 REAL ES I TATE RENT	I 29 TRANS- I PORTATION	I 30 COMMU- I NICATION	I 31 PUBLIC I ADMIN.	I 32 PUBLIC I SERVICES	I
I	SUBTOTAL	I 4041.461	I 10255.023	I 3745.143	I 223.371	I 5344.714	I 708.596	I 2940.728	I 3991.619	I

I	RI01970	I 33 PRIVATE I SERVICES	I 34 OFFICE I SUPPLIES	I 35 PACKING I MATERIALS	I 36 ACTIVI- I TIES NEC	I
I	J1 AGRICULTURE, ETC.	I 465.705	I 0	I 0	I 151.953	I
I	J2 MINING	I 2.320	I 0	I 0	I 90.265	I
I	J3 FOOD PROCESSING	I 1988.019	I 0	I 0	I 24.384	I
I	J4 TEXTILES	I 50.341	I 7.064	I 29.343	I 326.721	I
I	J5 LUMBER AND WOOD	I 23.365	I 0	I 102.723	I 22.105	I
I	J6 FURNITURE, FIXTURE	I 64.127	I 0	I 0	I 114.016	I
I	J7 PULP AND PAPER	I 59.003	I 272.225	I 604.666	I 239.611	I
I	J8 PRINTING, PUBLISH.	I 1358.601	I 0	I 36.413	I 613.885	I
I	J9 LEATHER & PROD.	I 1.151	I 0	I 0	I 14.359	I
I	J10 RUBBER PRODUCTS	I 22.598	I 4.737	I 0.388	I 51.018	I
I	J11 CHEMICALS	I 145.443	I 34.773	I 0.389	I 68.307	I
I	J12 PETROLEUM & COAL	I 274.530	I 0	I 0	I 180.820	I
I	J13 NONMETAL MINERALS	I 30.771	I 0.629	I 0	I 76.890	I
I	J14 IRON & STEEL MAT.	I 0	I 0	I 0	I 5.214	I
I	J15 IRON & STEEL PROD	I 3.764	I 0	I 3.021	I 194.528	I
I	J16 NONFERROUS METALS	I 0.175	I 0	I 0	I 41.827	I
I	J17 FABRICATED METALS	I 54.597	I 5.157	I 2.280	I 105.930	I
I	J18 GENERAL MACHINERY	I 73.563	I 1.837	I 0	I 48.752	I
I	J19 ELECTRICAL MACH.	I 56.089	I 0	I 0	I 51.157	I
I	J20 MOTOR VEHICLES	I 63.209	I 0	I 0	I 26.166	I
I	J21 OTHER TRANSPORT	I 14.520	I 0	I 0	I 7.899	I
I	J22 PRECISION INST.	I 15.380	I 0	I 0	I 25.432	I
I	J23 MANUFACTURING NEC	I 101.390	I 121.912	I 190.021	I 107.694	I
I	J24 CONSTRUCTION	I 131.067	I 0	I 0	I 34.831	I
I	J25 EL, GAS, WATER	I 554.280	I 0	I 10.004	I 60.185	I
I	J26 WHOLESALE RETAIL	I 979.324	I 391.331	I 102.391	I 1045.856	I
I	J27 FIN, INS, ESTATE	I 243.597	I 0	I 0.152	I 633.238	I
I	J28 REAL ESTATE RENT	I 251.794	I 0	I 13.000	I -64.083	I
I	J29 TRANSPORTATION	I 240.751	I 30.165	I 41.335	I 203.274	I
I	J30 COMMUNICATION	I 139.354	I 0	I 0	I 32.941	I
I	J31 PUBLIC ADMIN.	I 0	I 0	I 0	I -33.093	I
I	J32 PUBLIC SERVICES	I 3.780	I 0	I 0	I 145.665	I
I	J33 PRIVATE SERVICES	I 1599.073	I 0	I 3.160	I 209.393	I
I	J34 OFFICE SUPPLIES	I 97.315	I 0	I 0.681	I 1.551	I
I	J35 PACKING MATERIALS	I 0.330	I 0	I 0	I 15.967	I
I	J36 ACTIVITIES N.E.C.	I 256.660	I 76.946	I 61.101	I -0.009	I

I	RI01970S	I 33 PRIVATE I SERVICES	I 34 OFFICE I SUPPLIES	I 35 PACKING I MATERIALS	I 36 ACTIVI- I TIES NEC	I
I	SUBTOTAL	I 10206.196	I 946.776	I 1206.063	I 4874.699	I

I	RI00UT70	I INTERMED. I DEMAND	I
I	J1 AGRICULTURE, ETC.	I 15511.671	I
I	J2 MINING	I 14234.166	I
I	J3 FOOD PROCESSING	I 6376.739	I
I	J4 TEXTILES	I 5397.385	I
I	J5 LUMBER AND WOOD	I 5373.342	I
I	J6 FURNITURE, FIXTURE	I 1237.573	I
I	J7 PULP AND PAPER	I 5305.963	I
I	J8 PRINTING, PUBLISH.	I 4697.306	I
I	J9 LEATHER & PROD.	I 240.557	I
I	J10 RUBBER PRODUCTS	I 1252.414	I
I	J11 CHEMICALS	I 10354.371	I
I	J12 PETROLEUM & COAL	I 13575.691	I
I	J13 NONMETAL MINERALS	I 5279.535	I
I	J14 IRON & STEEL MAT.	I 9235.740	I
I	J15 IRON & STEEL PROD	I 11260.576	I
I	J16 NONFERROUS METALS	I 5053.910	I
I	J17 FABRICATED METALS	I 4733.204	I
I	J18 GENERAL MACHINERY	I 6243.583	I
I	J19 ELECTRICAL MACH.	I 3992.927	I
I	J20 MOTOR VEHICLES	I 4799.927	I
I	J21 OTHER TRANSPORT	I 1412.493	I
I	J22 PRECISION INST.	I 529.667	I
I	J23 MANUFACTURING NEC	I 2924.223	I
I	J24 CONSTRUCTION	I 3343.691	I
I	J25 EL, GAS, WATER	I 5331.615	I
I	J26 WHOLESALE, RETAIL	I 12669.933	I
I	J27 FIN, INS, ESTATE	I 3323.041	I
I	J28 REAL ESTATE RENT	I 2305.331	I
I	J29 TRANSPORTATION	I 7503.243	I
I	J30 COMMUNICATION	I 2130.764	I
I	J31 PUBLIC ADMIN.	I -33.093	I
I	J32 PUBLIC SERVICES	I 552.673	I
I	J33 PRIVATE SERVICES	I 7107.243	I
I	J34 OFFICE SUPPLIES	I 1925.629	I
I	J35 PACKING MATERIALS	I 1405.320	I
I	J36 ACTIVITIES N.E.C.	I 7337.177	I

I	RI00UT70S	I INTERMED. I DEMAND	I
I	SUBTOTAL	I 20067.223	I

1-2 Interindustry transaction, 1975

(1980 prices, billion yen)

I	R101775	I 01 AGRICUL	I 02 MINING	I 03 FOOD	I 04 TEX-	I 05 LUMBER	I 06 FURNI-	I 07 PULP	I 08 PRINT-	I
I	I	I TURE ETC.	I	I PROCESSING	I TILES	I AND WOOD	I TURE ETC.	I AND PAPER	I ING, PUBL.	I
I 01	AGRICULTURE, ETC.	I 1946.356	I 5.144	I 8746.438	I 774.711	I 2141.634	I 0.280	I 51.507	I 0	I
I 02	MINING	I 0.146	I 7.185	I 3.938	I 0.333	I 0.067	I 0	I 22.604	I 0	I
I 03	FOOD PROCESSING	I 1168.757	I 0	I 2308.381	I 11.898	I 4.368	I 0	I 5.544	I 0	I
I 04	TEXTILES	I 152.982	I 4.211	I 20.666	I 3692.514	I 9.987	I 55.562	I 5.795	I 20.632	I
I 05	LUMBER AND WOOD	I 17.699	I 3.246	I 53.807	I 9.016	I 334.703	I 553.751	I 376.024	I 1.039	I
I 06	FURNITURE, FIXTURE	I 3.250	I 1.340	I 11.497	I 7.111	I 2.084	I 33.653	I 2.359	I 5.002	I
I 07	PULP AND PAPER	I 113.753	I 0	I 207.978	I 16.263	I 34.607	I 35.838	I 2383.559	I 853.755	I
I 08	PRINTING, PUBLISH.	I 7.121	I 4.342	I 62.094	I 52.356	I 7.357	I 7.830	I 462.110	I 837.351	I
I 09	LEATHER & PROD.	I 0.025	I 0	I 0	I 99.876	I 0	I 0.280	I 0.113	I 1.937	I
I 10	RUBBER PRODUCTS	I 3.541	I 3.591	I 3.979	I 42.133	I 0.308	I 8.437	I 1.479	I 1.910	I
I 11	CHEMICALS	I 639.469	I 17.456	I 222.666	I 798.149	I 66.911	I 57.771	I 145.475	I 111.627	I
I 12	PETROLEUM & COAL	I 624.011	I 320.618	I 288.156	I 114.397	I 33.575	I 39.274	I 123.005	I 18.384	I
I 13	NONMETAL MINERALS	I 37.782	I 0.070	I 236.048	I 0	I 2.354	I 18.447	I 3.383	I 0.096	I
I 14	IRON & STEEL MAT.	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I
I 15	IRON & STEEL PROD	I 2.583	I 9.355	I 0.388	I 0.022	I 3.748	I 52.309	I 0	I 0	I
I 16	NONFERROUS METALS	I 0	I 0.913	I 25.130	I 2.448	I 3.503	I 9.973	I 0.409	I 23.895	I
I 17	FABRICATED METALS	I 51.317	I 27.947	I 273.574	I 69.542	I 26.110	I 121.063	I 3.369	I 0.369	I
I 18	GENERAL MACHINERY	I 113.613	I 16.151	I 82.199	I 40.348	I 13.800	I 8.166	I 17.351	I 12.538	I
I 19	ELECTRICAL MACH.	I 2.522	I 8.072	I 0.887	I 8.725	I 0.255	I 3.144	I 0.010	I 6.452	I
I 20	MOTOR VEHICLES	I 65.792	I 151.631	I 30.175	I 24.060	I 19.746	I 7.376	I 3.135	I 12.227	I
I 21	OTHER TRANSPORT	I 95.228	I 0.197	I 0.356	I 0	I 0	I 0	I 0.007	I 0	I
I 22	PRECISION INST.	I 0.371	I 0.058	I 0.377	I 0.904	I 0.189	I 0.135	I 0.386	I 0.542	I
I 23	MANUFACTURING NEC	I 77.652	I 0.959	I 164.371	I 61.040	I 19.736	I 101.529	I 0.005	I 44.399	I
I 24	CONSTRUCTION	I 107.902	I 7.984	I 64.888	I 39.723	I 5.187	I 18.234	I 16.492	I 14.194	I
I 25	EL, GAS, WATER	I 60.330	I 55.567	I 226.677	I 177.746	I 71.964	I 36.712	I 304.081	I 53.643	I
I 26	WHOLESALE RETAIL	I 422.313	I 104.274	I 1221.844	I 562.019	I 242.229	I 234.706	I 180.020	I 203.229	I
I 27	FIN, INS, ESTATE	I 301.501	I 33.820	I 223.073	I 603.013	I 61.910	I 48.766	I 226.396	I 120.770	I
I 28	REAL ESTATE RENT	I 7.610	I 12.779	I 39.533	I 15.829	I 10.762	I 9.484	I 19.432	I 17.258	I
I 29	TRANSPORTATION	I 228.597	I 74.542	I 372.413	I 168.464	I 119.568	I 42.260	I 94.342	I 34.396	I
I 30	COMMUNICATION	I 17.144	I 11.113	I 57.285	I 65.407	I 32.772	I 23.453	I 17.525	I 16.522	I
I 31	PUBLIC ADMIN.	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I
I 32	PUBLIC SERVICES	I 0.922	I 2.007	I 27.847	I 20.684	I 1.999	I 3.470	I 7.036	I 5.950	I
I 33	PRIVATE SERVICES	I 5.097	I 12.081	I 322.675	I 125.488	I 45.112	I 47.809	I 60.540	I 200.770	I
I 34	OFFICE SUPPLIES	I 5.976	I 2.314	I 13.144	I 38.648	I 7.483	I 5.326	I 15.371	I 11.290	I
I 35	PACKING MATERIALS	I 23.373	I 0.119	I 390.112	I 334.161	I 7.589	I 51.750	I 63.930	I 15.016	I
I 36	ACTIVITIES N.E.C.	I 96.063	I 59.275	I 573.381	I 218.918	I 52.527	I 33.076	I 140.394	I 17.756	I

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I	R101775	I 01 AGRICUL-	I 02 MINING	I 03 FOOD	I 04 TEXTIL-	I 05 LUMBER	I 06 FURNI-	I 07 PULP	I 08 PRINT-	I
I	I	I LTURE ETC.	I	I PROCESSING	I ES	I AND WOOD	I TURE ETC.	I AND PAPER	I ING, PUBL.	I
I	SUBTOTAL	I 6422.313	I 1018.411	I 16780.982	I 8195.946	I 3384.144	I 1759.964	I 4766.193	I 2723.109	I

I	R101775	I 09 LEATHER	I 10 RUBBER	I 11 CHEMI-	I 12 PETRO-	I 13 NONMET-	I 14 IRON &	I 15 IRON &	I 16 NONFER-	I
I	I	I & PRODUCTS	I PRODUCTS	I CALS	I LEUM, COAL	I AL MINERAL	I STEEL MAT.	I STEEL PROD	I ROUS METAL	I

I RI01975	I 01 AGRICULTURE ETC.	I 02 MINING	I 03 FOOD PROCESSING	I 04 TEXTILES	I 05 LUMBER AND WOOD	I 06 FURNITURE ETC.	I 07 PULP AND PAPER	I 08 PRINTING, PUBL.
I SUBTOTAL	I 6422.313	I 1018.411	I 16780.982	I 8195.946	I 3384.144	I 1759.964	I 4766.193	I 2723.109

I RI01975	I 09 LEATHER & PRODUCTS	I 10 RUBBER PRODUCTS	I 11 CHEMICALS	I 12 PETROLEUM, COAL	I 13 NONMETAL MINERAL	I 14 IRON & STEEL MAT.	I 15 IRON & STEEL PROD	I 16 NONFERROUS METAL
I 01 AGRICULTURE, ETC.	I 5.572	I 23.414	I 42.013	I 10.063	I 1.582	I 0	I 0	I 2.002
I 02 MINING	I 0	I 0.454	I 131.345	I 12173.298	I 334.483	I 899.775	I 21.218	I 709.408
I 03 FOOD PROCESSING	I 112.959	I 0	I 145.550	I 1.571	I 1.356	I 0	I 0.027	I 0.006
I 04 TEXTILES	I 26.305	I 109.652	I 14.064	I 2.047	I 17.526	I 1.690	I 5.319	I 7.573
I 05 LUMBER AND WOOD	I 0.097	I 0	I 5.954	I 0	I 13.460	I 0	I 27.930	I 8.193
I 06 FURNITURE, FIXTURE	I 0	I 0.920	I 3.182	I 1.405	I 2.230	I 1.005	I 2.371	I 0.962
I 07 PULP AND PAPER	I 0.491	I 10.049	I 547.445	I 0.468	I 101.613	I 0	I 0.004	I 8.809
I 08 PRINTING, PUBLISH.	I 0.379	I 3.791	I 39.264	I 7.808	I 30.675	I 7.150	I 10.391	I 5.167
I 09 LEATHER & PROD.	I 60.173	I 0	I 5.133	I 0	I 0	I 0	I 0	I 0
I 10 RUBBER PRODUCTS	I 2.314	I 108.341	I 12.137	I 0.535	I 0.224	I 3.374	I 9.428	I 0.309
I 11 CHEMICALS	I 5.212	I 335.258	I 5799.196	I 65.463	I 97.969	I 65.069	I 68.191	I 71.551
I 12 PETROLEUM & COAL	I 4.061	I 40.165	I 1760.382	I 1085.424	I 704.055	I 1504.189	I 726.356	I 67.737
I 13 NONMETAL MINERALS	I 0.197	I 10.741	I 81.743	I 9.526	I 613.370	I 165.969	I 16.703	I 37.449
I 14 IRON & STEEL MAT.	I 0	I 0	I 0	I 0	I -0.184	I 3831.223	I 6281.004	I 0.129
I 15 IRON & STEEL PROD.	I 0	I 6.693	I 0.319	I 0	I 110.082	I 0	I 3260.394	I 3.924
I 16 NONFERROUS METALS	I 0	I 0	I 110.328	I 0.458	I 20.888	I 144.739	I 154.169	I 1759.326
I 17 FABRICATED METALS	I 9.196	I 19.652	I 65.936	I 46.280	I 13.869	I 0.145	I 11.585	I 5.500
I 18 GENERAL MACHINERY	I 0.277	I 9.127	I 73.577	I 39.000	I 89.427	I 22.147	I 111.693	I 23.338
I 19 ELECTRICAL MACH.	I 0.207	I 0.004	I 54.996	I 24.266	I 12.357	I 13.994	I 22.944	I 13.329
I 20 MOTOR VEHICLES	I 1.532	I 3.191	I 10.914	I 9.169	I 22.723	I 8.522	I 23.060	I 2.881
I 21 OTHER TRANSPORT	I 0	I 0	I 0.047	I 0.100	I 0.342	I 1.430	I 1.740	I 0.014
I 22 PRECISION INST.	I 0.005	I 0.039	I 0.992	I 0.186	I 0.451	I 0.108	I 0.275	I 0.099
I 23 MANUFACTURING NEC	I 29.579	I 35.195	I 152.503	I 37.578	I 2.293	I 0	I 0.129	I 1.161
I 24 CONSTRUCTION	I 1.017	I 4.059	I 69.312	I 21.890	I 29.007	I 16.748	I 35.239	I 20.135
I 25 EL, GAS, WATER	I 4.283	I 32.992	I 750.752	I 88.637	I 355.283	I 626.627	I 387.343	I 322.736
I 26 WHOLESALE RETAIL	I 32.567	I 32.957	I 473.332	I 92.516	I 286.431	I 217.932	I 253.994	I 102.271
I 27 FIN, INS, ESTATE	I 2.565	I 56.118	I 464.581	I 246.663	I 176.904	I 155.355	I 255.447	I 150.123
I 28 REAL ESTATE RENT	I 1.350	I 3.690	I 31.573	I 37.634	I 36.753	I 15.656	I 29.976	I 4.938
I 29 TRANSPORTATION	I 4.034	I 57.147	I 271.484	I 172.231	I 345.244	I 154.535	I 149.316	I 74.573
I 30 COMMUNICATION	I 1.511	I 3.428	I 130.980	I 64.377	I 40.111	I 30.446	I 54.783	I 19.136
I 31 PUBLIC ADMIN.	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I 32 PUBLIC SERVICES	I 0.751	I 3.041	I 47.203	I 14.697	I 10.476	I 15.143	I 29.373	I 8.461
I 33 PRIVATE SERVICES	I 3.295	I 12.324	I 410.184	I 40.303	I 52.270	I 17.952	I 54.362	I 22.410
I 34 OFFICE SUPPLIES	I 0.196	I 1.522	I 35.535	I 7.427	I 17.316	I 4.256	I 9.611	I 5.244
I 35 PACKING MATERIALS	I 1.398	I 18.045	I 79.479	I 2.997	I 93.434	I 2.231	I 45.375	I 25.436
I 36 ACTIVITIES N.E.C.	I 19.532	I 42.673	I 371.372	I 166.304	I 77.353	I 53.919	I 327.085	I 62.152

I RI01975	I 09 LEATHER & PRODUCTS	I 10 RUBBER PRODUCTS	I 11 CHEMICALS	I 12 PETROL- EUM & COAL	I 13 NONMET- AL MINERAL	I 14 IRON & STEEL MAT.	I 15 IRON & STEEL PROD	I 16 NONFER- ROUS METAL
I SUBTOTAL	I 331.360	I 1145.418	I 12083.723	I 14470.421	I 4221.483	I 8003.449	I 12389.350	I 3546.632

I RI01975	I 17 FABRICA	I 18 GENERAL	I 19 ELECTRI	I 20 MOTOR	I 21 OTHER T	I 22 PRECI-	I 23 MANUFAC	I 24 CONST-	I
I	I TED METALS	I MACHINERY	I -CAL MACH.	I VEHICLES	I RANSPORT	I SION, INST	I -TURING NE	I RUCTION	I
I 01 AGRICULTURE, ETC.	I 0.354 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 45.279 I	I 52.545 I	I
I 02 MINING	I 0.738 I	I 6.205 I	I 0 I	I 0 I	I 0.183 I	I 0 I	I 5.380 I	I 831.099 I	I
I 03 FOOD PROCESSING	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 3.277 I	I 0 I	I
I 04 TEXTILES	I 21.432 I	I 16.492 I	I 26.307 I	I 26.758 I	I 26.695 I	I 9.954 I	I 63.259 I	I 422.842 I	I
I 05 LUMBER AND WOOD	I 23.303 I	I 12.259 I	I 7.889 I	I 9.254 I	I 23.013 I	I 2.196 I	I 206.636 I	I 2813.708 I	I
I 06 FURNITURE, FIXTURE	I 3.494 I	I 25.521 I	I 169.442 I	I 7.688 I	I 12.529 I	I 0.864 I	I 9.251 I	I 856.904 I	I
I 07 PULP AND PAPER	I 17.329 I	I 18.041 I	I 87.167 I	I 11.832 I	I 1.457 I	I 3.245 I	I 130.953 I	I 103.846 I	I
I 08 PRINTING, PUBLISH.	I 21.471 I	I 46.336 I	I 57.705 I	I 24.283 I	I 11.045 I	I 8.661 I	I 16.119 I	I 52.768 I	I
I 09 LEATHER & PROD.	I 0.335 I	I 5.267 I	I 2.727 I	I 1.162 I	I 1.184 I	I 30.219 I	I 33.525 I	I 0 I	I
I 10 RUBBER PRODUCTS	I 16.754 I	I 35.132 I	I 31.396 I	I 639.616 I	I 58.228 I	I 3.967 I	I 2.176 I	I 7.087 I	I
I 11 CHEMICALS	I 50.765 I	I 54.139 I	I 131.841 I	I 135.192 I	I 79.064 I	I 4.868 I	I 1143.520 I	I 221.679 I	I
I 12 PETROLEUM & COAL	I 134.980 I	I 135.303 I	I 120.824 I	I 42.277 I	I 42.410 I	I 14.562 I	I 106.376 I	I 938.875 I	I
I 13 NONMETAL MINERALS	I 43.536 I	I 59.637 I	I 161.424 I	I 94.369 I	I 14.094 I	I 16.261 I	I 40.892 I	I 4046.793 I	I
I 14 IRON & STEEL MAT.	I 2.671 I	I -42.814 I	I -31.616 I	I -53.244 I	I -14.250 I	I -3.093 I	I 0 I	I -6.744 I	I
I 15 IRON & STEEL PROD	I 1769.278 I	I 1805.157 I	I 559.406 I	I 924.241 I	I 527.442 I	I 32.329 I	I 32.706 I	I 1610.949 I	I
I 16 NONFERROUS METALS	I 591.027 I	I 301.539 I	I 1007.139 I	I 319.784 I	I 106.923 I	I 103.318 I	I 79.150 I	I 497.334 I	I
I 17 FABRICATED METALS	I 523.703 I	I 216.447 I	I 161.259 I	I 116.880 I	I 105.314 I	I 1.545 I	I 23.662 I	I 3472.632 I	I
I 18 GENERAL MACHINERY	I 21.161 I	I 3920.354 I	I 261.089 I	I 795.050 I	I 563.349 I	I 58.491 I	I 20.052 I	I 643.922 I	I
I 19 ELECTRICAL MACH.	I 4.185 I	I 730.429 I	I 2374.940 I	I 401.961 I	I 146.962 I	I 19.414 I	I 7.390 I	I 497.666 I	I
I 20 MOTOR VEHICLES	I 20.584 I	I 27.575 I	I 11.260 I	I 2969.175 I	I 7.656 I	I 4.728 I	I 23.743 I	I 354.956 I	I
I 21 OTHER TRANSPORT	I 0 I	I 0 I	I 0.015 I	I 101.179 I	I 526.557 I	I 0 I	I 0 I	I 0 I	I
I 22 PRECISION INST.	I 0.242 I	I 77.643 I	I 25.351 I	I 43.724 I	I 21.705 I	I 272.641 I	I 0.217 I	I 13.502 I	I
I 23 MANUFACTURING NEC	I 14.706 I	I 37.833 I	I 401.867 I	I 196.467 I	I 92.131 I	I 43.742 I	I 560.511 I	I 527.789 I	I
I 24 CONSTRUCTION	I 25.792 I	I 20.215 I	I 51.547 I	I 18.868 I	I 13.750 I	I 4.214 I	I 10.218 I	I 56.850 I	I
I 25 EL, GAS, WATER	I 189.172 I	I 192.307 I	I 172.314 I	I 165.662 I	I 50.646 I	I 22.830 I	I 115.211 I	I 460.728 I	I
I 26 WHOLESALE RETAIL	I 542.012 I	I 855.544 I	I 572.247 I	I 624.043 I	I 299.670 I	I 38.070 I	I 347.331 I	I 2773.371 I	I
I 27 FIN, INS, ESTATE	I 137.123 I	I 331.536 I	I 323.900 I	I 384.377 I	I 189.849 I	I 60.108 I	I 51.073 I	I 645.247 I	I
I 28 REAL ESTATE RENT	I 33.312 I	I 34.815 I	I 53.446 I	I 17.506 I	I 13.538 I	I 4.701 I	I 20.096 I	I 276.603 I	I
I 29 TRANSPORTATION	I 146.140 I	I 253.531 I	I 140.690 I	I 155.032 I	I 73.243 I	I 21.755 I	I 79.955 I	I 1027.139 I	I
I 30 COMMUNICATION	I 60.395 I	I 59.990 I	I 162.401 I	I 51.961 I	I 16.497 I	I 12.772 I	I 51.600 I	I 223.156 I	I
I 31 PUBLIC ADMIN.	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I
I 32 PUBLIC SERVICES	I 15.500 I	I 44.031 I	I 46.513 I	I 14.142 I	I 9.252 I	I 3.872 I	I 9.741 I	I 73.378 I	I
I 33 PRIVATE SERVICES	I 53.913 I	I 299.730 I	I 529.312 I	I 135.259 I	I 27.525 I	I 56.420 I	I 75.359 I	I 912.889 I	I
I 34 OFFICE SUPPLIES	I 9.556 I	I 45.070 I	I 65.537 I	I 21.010 I	I 3.141 I	I 7.383 I	I 3.572 I	I 33.556 I	I
I 35 PACKING MATERIALS	I 43.343 I	I 19.556 I	I 72.485 I	I 0 I	I 3.210 I	I 11.601 I	I 151.060 I	I 0 I	I
I 36 ACTIVITIES N.E.C.	I 219.239 I	I 418.747 I	I 377.503 I	I 124.697 I	I 154.325 I	I 37.623 I	I 160.209 I	I 1065.266 I	I

I RI01975S	I 17 FABRICA	I 18 GENERAL	I 19 ELECTRI-	I 20 MOTOR	I 21 OTHER	I 22 PRECI-	I 23 MANUFAC	I 24 CONST-	I
I	I TED METALS	I MACHINERY	I ICAL MACH.	I VEHICLES	I TRANSPORT	I SION INST.	I TURING NEC	I RUCTION	I
I SUBTOTAL	I 4434.051 I	I 10131.917 I	I 8135.327 I	I 8520.255 I	I 3215.337 I	I 1059.261 I	I 3646.099 I	I 25508.335 I	I

I RI01975	I 25 EL,	I 26 WHOLESA	I 27 FIN,	I 28 REAL ES	I 29 TRANS-	I 30 COMMU-	I 31 PUBLIC	I 32 PUBLIC	I
I	I GAS, WATER	I LE RETAIL	I INS, ESTATE	I TATE RENT	I PORTATION	I NICATION	I ADMIN.	I SERVICES	I

I RI019755	I 17 FABRICA	I 18 GENERAL	I 19 ELECTR-	I 20 MOTOR	I 21 OTHER	I 22 PRECI-	I 23 MANUFAC	I 24 CONST-
I	I ED METALS	I MACHINERY	I ICAL MACH.	I VEHICLES	I TRANSPORT	I SION INST.	I TURING NEC	I RUCTION
I SUBTOTAL	I 4434.651	I 10131.917	I 8135.327	I 8520.255	I 3215.337	I 1059.261	I 3646.099	I 25508.335

I RI019755	I 25 EL, GAS, WATER	I 26 WHOLES- ALE RETAIL	I 27 FIN, INS, ESTATE	I 28 REAL ES TATE RENT	I 29 TRANS- PORTATION	I 30 COMMU- NICATION	I 31 PUBLIC ADMIN.	I 32 PUBLIC SERVICES
I 01 AGRICULTURE, ETC.	I 0	I 0	I 0	I 0	I 3.412	I 0	I 0	I 110.292
I 02 MINING	I 1512.967	I 0	I 0.055	I 0	I 3.375	I 0.103	I 2.031	I 4.259
I 03 FOOD PROCESSING	I 0	I 20.437	I 0	I 0	I 1.692	I 0	I 0	I 211.454
I 04 TEXTILES	I 9.157	I 138.226	I 9.147	I 0.100	I 81.315	I 12.956	I 59.944	I 46.623
I 05 LUMBER AND WOOD	I 0.279	I 59.872	I 0	I 0	I 1.708	I 0	I 0.186	I 0.074
I 06 FURNITURE, FIXTURE	I 14.284	I 51.201	I 32.845	I 0.322	I 15.555	I 9.546	I 36.747	I 110.223
I 07 PULP AND PAPER	I 2.908	I 354.635	I 11.529	I 0	I 15.764	I 6.070	I 32.609	I 38.298
I 08 PRINTING, PUBLISH.	I 24.380	I 152.718	I 227.916	I 0.524	I 38.144	I 52.709	I 163.196	I 294.829
I 09 LEATHER & PROD.	I 0.995	I 1.935	I 0	I 0	I 0.096	I 0.015	I 2.924	I 0
I 10 RUBBER PRODUCTS	I 4.523	I 0	I 0	I 0	I 6.102	I 1.146	I 20.123	I 14.413
I 11 CHEMICALS	I 55.262	I 0.163	I 0.002	I 0.005	I 5.324	I 6.690	I 23.304	I 1528.523
I 12 PETROLEUM & COAL	I 2697.045	I 923.953	I 44.714	I 6.463	I 1737.442	I 15.772	I 253.234	I 185.631
I 13 NONMETAL MINERALS	I 7.754	I 35.770	I 0	I 0	I 0.781	I 0	I 1.098	I 31.135
I 14 IRON & STEEL MAT.	I 0	I 0	I 0	I 0	I 0	I 0	I -3.088	I 0
I 15 IRON & STEEL PROD	I 0.225	I 0	I 0	I 0	I 0.297	I 0	I 3.728	I 0
I 16 NONFERROUS METALS	I 2.301	I 0	I 0	I 0	I 3.014	I 0	I -0.551	I 79.988
I 17 FABRICATED METALS	I 5.206	I 227.619	I 0	I 0.001	I 14.350	I 0.052	I 15.311	I 13.097
I 18 GENERAL MACHINERY	I 18.658	I 11.430	I 20.932	I 0.088	I 13.280	I 2.735	I 81.306	I 33.583
I 19 ELECTRICAL MACH.	I 81.939	I 8.161	I 8.608	I 0.001	I 3.875	I 17.976	I 15.525	I 8.939
I 20 MOTOR VEHICLES	I 73.888	I 436.564	I 22.081	I 2.978	I 509.268	I 7.056	I 76.473	I 38.165
I 21 OTHER TRANSPORT	I 0	I 0	I 0	I 0	I 706.772	I 0	I 267.132	I 0.209
I 22 PRECISION INST.	I 8.208	I 75.697	I 1.335	I 0.008	I 1.601	I 0.236	I 1.325	I 54.191
I 23 MANUFACTURING NEC	I 2.962	I 36.833	I 70.754	I 7.922	I 3.484	I 3.334	I 17.284	I 45.177
I 24 CONSTRUCTION	I 239.494	I 198.860	I 1646.902	I 210.668	I 133.202	I 10.999	I 144.430	I 150.448
I 25 EL, GAS, WATER	I 236.143	I 491.150	I 150.481	I 25.909	I 433.693	I 31.663	I 267.588	I 510.172
I 26 WHOLESALE RETAIL	I 114.539	I 1178.599	I 97.744	I 4.609	I 251.619	I 25.639	I 137.146	I 670.085
I 27 FIN, INS, ESTATE	I 363.343	I 2257.451	I 484.063	I 20.897	I 640.691	I 41.013	I 916.583	I 192.327
I 28 REAL ESTATE RENT	I 60.387	I 1359.433	I 440.382	I 0	I 210.897	I 53.732	I 39.365	I 67.941
I 29 TRANSPORTATION	I 143.564	I 773.369	I 137.396	I 1.874	I 2001.703	I 94.575	I 459.502	I 192.845
I 30 COMMUNICATION	I 39.186	I 749.756	I 398.196	I 0.086	I 104.988	I 54.438	I 104.799	I 111.059
I 31 PUBLIC ADMIN.	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I 32 PUBLIC SERVICES	I 15.195	I 42.564	I 35.414	I 7.961	I 92.700	I 55.198	I 14.145	I 24.865
I 33 PRIVATE SERVICES	I 114.866	I 1550.538	I 877.983	I 40.755	I 215.696	I 32.545	I 225.461	I 351.103
I 34 OFFICE SUPPLIES	I 15.900	I 116.858	I 56.843	I 0.308	I 34.098	I 15.719	I 23.504	I 35.030
I 35 PACKING MATERIALS	I 0	I 74.429	I 0	I 0	I 12.485	I 0.311	I 2.188	I 0
I 36 ACTIVITIES N.E.C.	I 246.259	I 133.824	I 747.629	I 0.052	I 251.672	I 31.277	I 429.741	I 505.141

I RI019755	I 25 EL, GAS, WATER	I 26 WHOLES- ALE, RETAIL	I 27 FIN, INS, ESTATE	I 28 REAL ES TATE RENT	I 29 TRANS- PORTATION	I 30 COMMU- NICATION	I 31 PUBLIC ADMIN.	I 32 PUBLIC SERVICES
I SUBTOTAL	I 6216.127	I 11532.105	I 5522.951	I 331.531	I 7547.095	I 593.515	I 3647.793	I 5660.169

I RIJ1775	I 33 PRIVATE SERVICES	I 34 OFFICE SUPPLIES	I 35 PACKING MATERIALS	I 36 ACTIVITIES NEC
I 01 AGRICULTURE, ETC.	727.726	0	0	305.449
I 02 MINING	0.352	0	0	361.009
I 03 FOOD PROCESSING	2042.120	0	0	82.550
I 04 TEXTILES	52.882	7.059	26.528	210.452
I 05 LUMBER AND WOOD	42.763	0	134.061	16.978
I 06 FURNITURE, FIXTURE	92.383	0	0	83.382
I 07 PULP AND PAPER	153.653	340.426	618.854	269.680
I 08 PRINTING, PUBLISH.	1030.232	0	29.424	399.746
I 09 LEATHER & PROD.	0.349	0	0	14.611
I 10 RUBBER PRODUCTS	15.587	3.495	0.414	39.859
I 11 CHEMICALS	165.747	48.581	0.445	186.540
I 12 PETROLEUM & COAL	410.528	0	0	566.579
I 13 NONMETAL MINERALS	85.595	0.730	0	126.910
I 14 IRON & STEEL MAT.	0.065	0	0	160.095
I 15 IRON & STEEL PROD	0.358	0	2.864	34.609
I 16 NONFERROUS METALS	0.217	0	0	73.640
I 17 FABRICATED METALS	54.399	1.676	4.186	191.533
I 18 GENERAL MACHINERY	77.242	22.819	3.397	134.097
I 19 ELECTRICAL MACH.	39.071	0	0	79.283
I 20 MOTOR VEHICLES	161.522	0	0	524.220
I 21 OTHER TRANSPORT	4.267	0	0	44.806
I 22 PRECISION INST.	17.911	0	0	22.720
I 23 MANUFACTURING NEC	146.999	94.552	163.106	208.375
I 24 CONSTRUCTION	145.701	0	3.611	21.274
I 25 EL, GAS, WATER	212.582	0	10.029	499.274
I 26 WHOLESALE RETAIL	1345.321	233.902	146.055	1327.890
I 27 FIN, INS, ESTATE	490.574	0	0.132	294.958
I 28 REAL ESTATE RENT	483.765	0	11.816	154.132
I 29 TRANSPORTATION	343.492	24.724	29.581	536.552
I 30 COMMUNICATION	316.537	0	0	76.253
I 31 PUBLIC ADMIN.	0	0	0	-80.568
I 32 PUBLIC SERVICES	75.085	0	0.001	203.823
I 33 PRIVATE SERVICES	1505.505	0	7.269	414.061
I 34 OFFICE SUPPLIES	40.525	0	0.614	38.436
I 35 PACKING MATERIALS	0.753	0	0	0.807
I 36 ACTIVITIES N.E.C.	439.752	0.275	0.472	0

I RIJ1775	I 33 PRIVATE SERVICES	I 34 OFFICE SUPPLIES	I 35 PACKING MATERIALS	I 36 ACTIVITIES NEC
I SUBTOTAL	11954.184	778.249	1192.359	7624.015

I RI00075	I INTERMED. DEMAND
I 01 AGRICULTURE, ETC.	15063.173
I 02 MINING	17329.511
I 03 FOOD PROCESSING	6629.747
I 04 TEXTILES	5391.723
I 05 LUMBER AND WOOD	4964.648
I 06 FURNITURE, FIXTURE	1673.552
I 07 PULP AND PAPER	6344.434
I 08 PRINTING, PUBLISH.	4195.942
I 09 LEATHER & PROD.	263.542
I 10 RUBBER PRODUCTS	1153.113
I 11 CHEMICALS	12414.147
I 12 PETROLEUM & COAL	15381.257
I 13 NONMETAL MINERALS	6006.062
I 14 IRON & STEEL MAT.	10120.154
I 15 IRON & STEEL PROD	10313.911
I 16 NONFERROUS METALS	5418.552
I 17 FABRICATED METALS	5695.526
I 18 GENERAL MACHINERY	7380.797
I 19 ELECTRICAL MACH.	4671.989
I 20 MOTOR VEHICLES	5726.086
I 21 OTHER TRANSPORT	1751.448
I 22 PRECISION INST.	643.374
I 23 MANUFACTURING NEC	3584.112
I 24 CONSTRUCTION	3589.154
I 25 EL, GAS, WATER	8503.543
I 26 WHOLESALE, RETAIL	16160.230
I 27 FIN, INS, ESTATE	11012.575
I 28 REAL ESTATE RENT	3673.417
I 29 TRANSPORTATION	9046.358
I 30 COMMUNICATION	3196.318
I 31 PUBLIC ADMIN.	-80.568
I 32 PUBLIC SERVICES	985.998
I 33 PRIVATE SERVICES	9165.261
I 34 OFFICE SUPPLIES	765.421
I 35 PACKING MATERIALS	1542.373
I 36 ACTIVITIES N.E.C.	7971.483

I RI00075	I INTERMED. DEMAND
I SUBTOTAL	228960.173

Table 2. Final demand
2-1 Final demand, 1970

(1980 prices, billion yen)

I RI00070G	I C OUTSIDE HOUSEHOLD	I PRIVATE CONS.	I GOVERNMENT CONS.	I GOVERNMENT INVESTMENT	I PRIVATE INVESTMENT	I INCREASE IN STOCK	I EXPORTS	I FINAL DEMAND
I 01 AGRICULTURE, ETC.	81.501	1941.248	0	163.531	-0.265	217.139	4418.996	

I RIJ1775S	I 33 PRIVATE	I 34 OFFICE	I 35 PACKING	I 36 ACTIVI-
I	I SERVICES	I SUPPLIES	I MATERIALS	I TIES NEC
I SUBTOTAL	I 11954.184	I 778.249	I 1192.359	I 7624.015

I RIJ00775S	I INTERMED.
I	I DEMAND
I SUBTOTAL	I 228960.173

Table 2. Final demand

2-1 Final demand, 1970

(1980 prices, billion yen)

I RIJFD70G	I C OUTSIDE	I PRIVATE	I GOVERNMENT	I GOVERNMENT	I PRIVATE	I INCREASE	I EXPORTS	I FINAL
I	I HOUSEHOLD	I CONS.	I CONS.	I INVESTMENT	I INVESTMENT	I IN STOCK	I	I DEMAND
I 01 AGRICULTURE, ETC.	I 81.501	I 3951.238	I 0	I 0	I 163.331	I -9.263	I 217.139	I 4418.996
I 02 MINING	I 0	I 15.231	I 0	I 0	I 0	I 130.138	I 19.538	I 214.907
I 03 FOOD PROCESSING	I 526.950	I 14243.159	I 0	I 0	I 0	I 170.562	I 301.940	I 15242.311
I 04 TEXTILES	I 132.947	I 4205.538	I 0	I 20.568	I 63.239	I 254.240	I 1083.577	I 5765.159
I 05 LUMBER AND WOOD	I 11.460	I 75.617	I 0	I 7.795	I 25.859	I -1.260	I 110.632	I 230.103
I 06 FURNITURE, FIXTURE	I 135.394	I 368.491	I 0	I 161.863	I 392.817	I 110.223	I 21.895	I 1190.883
I 07 PULP AND PAPER	I 19.832	I 29.204	I 0	I 0	I 0	I 113.329	I 139.402	I 301.767
I 08 PRINTING, PUBLISH.	I 42.742	I 957.570	I 0	I 0	I 0	I 28.760	I 37.552	I 1066.624
I 09 LEATHER & PROD.	I 0	I 225.932	I 0	I 0	I 0	I 10.020	I 53.567	I 239.519
I 10 RUBBER PRODUCTS	I 7.543	I 234.223	I 0	I 0	I 0	I 23.747	I 275.733	I 591.346
I 11 CHEMICALS	I 103.340	I 922.166	I 0	I 0	I 0	I 326.121	I 1041.441	I 2393.568
I 12 PETROLEUM & COAL	I 69.413	I 1095.917	I 0	I 0	I 0	I 257.421	I 310.989	I 1733.740
I 13 NONMETAL MINERALS	I 20.219	I 137.599	I 0	I 0	I 0	I 108.135	I 317.183	I 693.136
I 14 IRON & STEEL MAT.	I 0	I -20.996	I 0	I -25.196	I -69.154	I 61.747	I 13.394	I -40.205
I 15 IRON & STEEL PROD	I 0	I 0	I 0	I 0	I 0	I 74.132	I 1742.745	I 1816.877
I 16 NONFERROUS METALS	I 0	I -5.792	I 0	I -25.996	I -91.164	I 48.731	I 229.924	I 155.703
I 17 FABRICATED METALS	I 64.150	I 431.234	I 0	I 89.941	I 293.402	I 512.555	I 511.024	I 1957.356
I 18 GENERAL MACHINERY	I 0.213	I 45.697	I 0	I 731.131	I 5567.416	I 537.720	I 1039.115	I 7921.294
I 19 ELECTRICAL MACH.	I 47.384	I 970.231	I 0	I 500.058	I 2151.975	I 507.498	I 962.345	I 5140.491
I 20 MOTOR VEHICLES	I 0	I 1059.053	I 0	I 853.007	I 2220.876	I 33.332	I 692.623	I 4908.891
I 21 OTHER TRANSPORT	I 0	I 130.454	I 0	I 437.843	I 1066.398	I 103.772	I 1521.160	I 3359.627
I 22 PRECISION INST.	I 0	I 248.545	I 0	I 37.742	I 145.798	I 37.586	I 291.222	I 860.893
I 23 MANUFACTURING NEC	I 100.316	I 952.026	I 0	I 86.372	I 153.075	I 147.815	I 521.142	I 1970.946
I 24 CONSTRUCTION	I 0	I 0	I 0	I 12281.347	I 23513.371	I 0	I 0	I 35794.718
I 25 EL, GAS, WATER	I 0.903	I 2324.624	I 384.017	I 0	I 0	I 0	I 12.138	I 2721.682
I 26 WHOLESALE, RETAIL	I 563.953	I 13208.270	I 0	I 716.057	I 2916.224	I 313.237	I 951.037	I 18673.828
I 27 FIN, INS, ESTATE	I 0	I 11510.336	I 0	I 0	I 0	I 0	I 25.250	I 11535.636
I 28 REAL ESTATE RENT	I 0	I 0	I 0	I 0	I 0	I 0	I 15.346	I 16.846
I 29 TRANSPORTATION	I 33.013	I 5898.238	I 0	I 44.047	I 210.898	I 44.232	I 2173.446	I 8408.879
I 30 COMMUNICATION	I 0.147	I 496.109	I 0	I 0	I 0	I 0	I 15.854	I 512.110
I 31 PUBLIC ADMIN.	I 0	I 627.953	I 8040.144	I 0	I 0	I 0	I 0	I 8658.097
I 32 PUBLIC SERVICES	I 75.446	I 3141.742	I 6239.276	I 0	I 0	I 0	I 2.713	I 14460.177
I 33 PRIVATE SERVICES	I 4948.340	I 13533.055	I 0	I 0	I 0	I 0	I 110.391	I 18641.986
I 34 OFFICE SUPPLIES	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I 35 PACKING MATERIALS	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I 36 ACTIVITIES N.E.C.	I 5.553	I 452.236	I 0	I 12.944	I 13.401	I 47.029	I 453.210	I 935.223
I RIJFD70GS	I C OUTSIDE	I PRIVATE	I GOVERNMENT	I GOVERNMENT	I PRIVATE	I INCREASE	I EXPORTS	I FINAL
I	I HOUSEHOLD	I CONS.	I CONS.	I INVESTMENT	I INVESTMENT	I IN STOCK	I	I DEMAND
I SUBTOTAL	I 7058.960	I 85635.150	I 14563.437	I 15979.523	I 38752.762	I 4141.609	I 15321.667	I 182603.114

2-2 Final demand, 1975

(1980 prices, billion yen)

I	RI0FD75G	I C OUTSIDE I HOUSEHOLD	I PRIVATE I CONS.	I GOVERNMENT I CONS.	I GOVERNMENT I INVESTMENT	I PRIVATE I INVESTMENT	I INCREASE I IN STOCK	I EXPORTS I	I FINAL I DEMAND	I
I 01	AGRICULTURE, ETC.	87.981	3910.764	0	0	134.342	450.264	63.751	4647.102	I
I 02	MINING	0	8.309	0	0	0	-341.008	15.337	-317.362	I
I 03	FOOD PROCESSING	579.876	17867.417	0	0	0	9.809	242.315	18699.917	I
I 04	TEXTILES	184.745	5430.313	0	18.832	93.947	156.184	993.445	6927.466	I
I 05	LUMBER AND WOOD	13.246	138.269	0	5.744	23.202	-62.208	41.972	135.225	I
I 06	FURNITURE, FIXTURE	171.219	395.466	0	122.603	593.433	41.802	16.320	1145.843	I
I 07	PULP AND PAPER	21.736	34.594	0	0	0	-111.430	170.510	115.410	I
I 08	PRINTING, PUBLISH.	45.432	1077.796	0	0	0	54.933	22.539	1200.850	I
I 09	LEATHER & PROD.	0	252.992	0	0	0	-0.969	71.663	323.686	I
I 10	RUBBER PRODUCTS	6.276	335.579	0	0	0	37.823	286.384	666.062	I
I 11	CHEMICALS	103.303	1136.979	0	0	0	45.577	1650.221	2971.580	I
I 12	PETROLEUM & COAL	65.425	2300.957	0	0	0	148.942	626.392	3141.716	I
I 13	NONMETAL MINERALS	81.687	111.178	0	0	0	18.387	525.770	538.024	I
I 14	IRON & STEEL MAT.	0	-25.585	0	-15.753	-65.030	73.628	85.406	53.666	I
I 15	IRON & STEEL PROD	0	0	0	0	0	50.399	3263.393	3328.492	I
I 16	NONFERROUS METALS	0	-1.530	0	0	-123.454	39.214	376.333	336.013	I
I 17	FABRICATED METALS	111.640	553.123	0	78.295	384.521	23.760	681.284	1832.823	I
I 18	GENERAL MACHINERY	0.293	39.792	0	480.730	5300.714	56.666	2070.934	7959.136	I
I 19	ELECTRICAL MACH.	93.504	1262.268	0	652.127	2914.287	-228.147	1750.210	6444.249	I
I 20	MOTOR VEHICLES	0	1997.302	0	822.276	1868.731	-57.454	2001.384	6622.739	I
I 21	OTHER TRANSPORT	0	202.650	0	243.239	516.034	-57.240	3074.697	3979.380	I
I 22	PRECISION INST.	0	398.396	0	110.740	260.309	-8.041	487.721	1249.125	I
I 23	MANUFACTURING NEC	129.965	1236.532	0	102.838	271.019	30.593	370.257	2141.204	I
I 24	CONSTRUCTION	0	0	0	15623.144	29778.975	0	0	45402.119	I
I 25	EL, GAS, WATER	0.585	3055.976	613.434	0	0	0	4.593	3634.638	I
I 26	WHOLESALE, RETAIL	740.962	13923.102	0	456.844	3100.659	162.955	1079.266	24533.798	I
I 27	FIN, INS, ESTATE	0	13757.398	0	0	0	0	49.463	13816.861	I
I 28	REAL ESTATE RENT	0	0	0	0	0	0	0	0	I
I 29	TRANSPORTATION	42.110	6174.357	0	43.336	257.332	36.476	3022.605	9576.216	I
I 30	COMMUNICATION	0.181	1208.006	0	0	0	0	13.321	1227.008	I
I 31	PUBLIC ADMIN.	0	842.905	11292.999	0	0	0	0	12135.904	I
I 32	PUBLIC SERVICES	145.409	12369.432	7581.822	0	0	0	1.950	20098.663	I
I 33	PRIVATE SERVICES	6266.011	13853.632	0	0	0	0	119.387	20238.730	I
I 34	OFFICE SUPPLIES	0	0	0	0	0	0	0	0	I
I 35	PACKING MATERIALS	0	0	0	0	0	0	0	0	I
I 36	ACTIVITIES N.E.C.	30.733	311.734	0	105.679	256.079	0	1074.340	1778.270	I

I	RI0FD75GS	I C OUTSIDE I HOUSEHOLD	I PRIVATE I CONS.	I GOVERNMENT I CONS.	I GOVERNMENT I INVESTMENT	I PRIVATE I INVESTMENT	I INCREASE I IN STOCK	I EXPORTS I	I FINAL I DEMAND	I
I	SUBTOTAL	8923.031	114270.103	19488.255	18850.674	45370.100	630.977	24096.463	231634.603	I

Table 3. Total output

3-1 Total demand, 1970

(1980 prices, billion yen)

3-2 Total demand, 1975

(1980 prices, billion yen)

I	RI0Q70	I TOTAL I DEMAND	I	I	RI0Q75	I TOTAL I DEMAND	I
I			I	I			I

I RIQFD75GS	I C OUTSIDE	I PRIVATE	I GOVERNMENT	I GOVERNMENT	I PRIVATE	I INCREASE	I EXPORTS	I FINAL
I	I HOUSEHOLD	I CONS.	I CONS.	I INVESTMENT	I INVESTMENT	I IN STOCK	I	I DEMAND
I SUBTOTAL	I 8723.031	I 114270.103	I 19488.255	I 18850.674	I 45370.100	I 630.977	I 24095.463	I 231634.603

Table 3. Total output

3-1 Total demand, 1970

(1980 prices, billion yen)

I RIQ070	I TOTAL	I
I	I DEMAND	I
I 01 AGRICULTURE, ETC.	I 20030.567	I
I 02 MINING	I 14449.093	I
I 03 FOOD PROCESSING	I 21619.051	I
I 04 TEXTILES	I 11164.544	I
I 05 LUMBER AND WOOD	I 5503.445	I
I 06 FURNITURE, FIXTURE	I 2430.461	I
I 07 PULP AND PAPER	I 6107.752	I
I 08 PRINTING, PUBLISH.	I 5765.930	I
I 09 LEATHER & PROD.	I 530.375	I
I 10 RUBBER PRODUCTS	I 1343.760	I
I 11 CHEMICALS	I 13243.439	I
I 12 PETROLEUM & COAL	I 15409.431	I
I 13 NONMETAL MINERALS	I 5972.771	I
I 14 IRON & STEEL MAT.	I 9195.735	I
I 15 IRON & STEEL PROD	I 13077.453	I
I 16 NONFERROUS METALS	I 5209.513	I
I 17 FABRICATED METALS	I 6590.560	I
I 18 GENERAL MACHINERY	I 14159.577	I
I 19 ELECTRICAL MACH.	I 9133.413	I
I 20 MOTOR VEHICLES	I 9705.315	I
I 21 OTHER TRANSPORT	I 4772.120	I
I 22 PRECISION INST.	I 1450.580	I
I 23 MANUFACTURING NEC	I 4395.169	I
I 24 CONSTRUCTION	I 39133.409	I
I 25 EL, GAS, WATER	I 6505.295	I
I 26 WHOLESALE, RETAIL	I 31363.761	I
I 27 FIN, INS, ESTATE	I 19353.577	I
I 28 REAL ESTATE RENT	I 2323.177	I
I 29 TRANSPORTATION	I 16009.127	I
I 30 COMMUNICATION	I 2542.574	I
I 31 PUBLIC ADMIN.	I 8535.004	I
I 32 PUBLIC SERVICES	I 15112.350	I
I 33 PRIVATE SERVICES	I 25749.229	I
I 34 OFFICE SUPPLIES	I 1025.529	I
I 35 PACKING MATERIALS	I 1405.320	I
I 36 ACTIVITIES N.E.C.	I 8324.400	I

I RIQ070S	I TOTAL	I
I	I DEMAND	I
I SUBTOTAL	I 393170.337	I

3-2 Total demand, 1975

(1980 prices, billion yen)

I RIQ075	I TOTAL	I
I	I DEMAND	I
I 01 AGRICULTURE, ETC.	I 19710.280	I
I 02 MINING	I 17312.149	I
I 03 FOOD PROCESSING	I 25329.664	I
I 04 TEXTILES	I 12319.189	I
I 05 LUMBER AND WOOD	I 5099.373	I
I 06 FURNITURE, FIXTURE	I 2324.395	I
I 07 PULP AND PAPER	I 6459.344	I
I 08 PRINTING, PUBLISH.	I 5396.792	I
I 09 LEATHER & PROD.	I 537.228	I
I 10 RUBBER PRODUCTS	I 1324.175	I
I 11 CHEMICALS	I 15385.727	I
I 12 PETROLEUM & COAL	I 19022.973	I
I 13 NONMETAL MINERALS	I 6544.086	I
I 14 IRON & STEEL MAT.	I 10173.320	I
I 15 IRON & STEEL PROD	I 14142.403	I
I 16 NONFERROUS METALS	I 5754.565	I
I 17 FABRICATED METALS	I 7523.549	I
I 18 GENERAL MACHINERY	I 15339.933	I
I 19 ELECTRICAL MACH.	I 11116.233	I
I 20 MOTOR VEHICLES	I 12343.325	I
I 21 OTHER TRANSPORT	I 5730.323	I
I 22 PRECISION INST.	I 1392.999	I
I 23 MANUFACTURING NEC	I 5725.316	I
I 24 CONSTRUCTION	I 48991.273	I
I 25 EL, GAS, WATER	I 12183.236	I
I 26 WHOLESALE, RETAIL	I 40594.023	I
I 27 FIN, INS, ESTATE	I 29329.436	I
I 28 REAL ESTATE RENT	I 3673.417	I
I 29 TRANSPORTATION	I 18622.574	I
I 30 COMMUNICATION	I 4423.326	I
I 31 PUBLIC ADMIN.	I 12055.336	I
I 32 PUBLIC SERVICES	I 21084.661	I
I 33 PRIVATE SERVICES	I 29403.991	I
I 34 OFFICE SUPPLIES	I 765.421	I
I 35 PACKING MATERIALS	I 1542.373	I
I 36 ACTIVITIES N.E.C.	I 9749.753	I

I RIQ075S	I TOTAL	I
I	I DEMAND	I
I SUBTOTAL	I 460594.781	I

Table 4. Imports
4-1 Imports, 1970

(1980 prices, billion yen)

I RIOM70	I IMPORTS	I IMPORT TAX	I
I	I	I	I
I J1 AGRICULTURE, ETC.	I -3384.598	I -60.684	I
I J2 MINING	I -10948.369	I -1271.518	I
I J3 FOOD PROCESSING	I -1047.683	I -377.403	I
I J4 TEXTILES	I -274.995	I -37.647	I
I J5 LUMBER AND WOOD	I -305.392	I -5.638	I
I J6 FURNITURE, FIXTURE	I -5.420	I -1.099	I
I J7 PULP AND PAPER	I -145.333	I -7.534	I
I J8 PRINTING, PUBLISH.	I -61.140	I -0.074	I
I J9 LEATHER & PROD.	I -25.834	I -4.154	I
I J10 RUBBER PRODUCTS	I -9.681	I -1.054	I
I J11 CHEMICALS	I -615.554	I -55.957	I
I J12 PETROLEUM & COAL	I -1538.622	I -93.064	I
I J13 NONMETAL MINERAL	I -35.929	I -3.905	I
I J14 IRON & STEEL MAT.	I -342.390	I -2.141	I
I J15 IRON & STEEL PROD	I -14.523	I -1.324	I
I J16 NONFERROUS METAL	I -688.795	I -12.719	I
I J17 FABRICATED METALS	I -54.011	I -6.214	I
I J18 GENERAL MACHINERY	I -555.382	I -51.010	I
I J19 ELECTRICAL MACH.	I -237.519	I -23.735	I
I J20 MOTOR VEHICLES	I -54.622	I -20.548	I
I J21 OTHER TRANSPORT	I -192.046	I -0.485	I
I J22 PRECISION INST.	I -157.726	I -15.332	I
I J23 MANUFACTURING NEC	I -183.154	I -27.445	I
I J24 CONSTRUCTION	I 0	I 0	I
I J25 EL, GAS, WATER	I -0.905	I 0	I
I J26 WHOLESALE, RETAIL	I -246.304	I 0	I
I J27 FIN, INS, ESATE	I -186.446	I 0	I
I J28 REAL ESTATE RENT	I -19.143	I 0	I
I J29 TRANSPORTATION	I -300.625	I 0	I
I J30 COMMUNICATION	I -3.260	I 0	I
I J31 PUBLIC ADMIN.	I 0	I 0	I
I J32 PUBLIC SERVICES	I 0	I 0	I
I J33 PRIVATE SERVICES	I -239.418	I -0.725	I
I J34 OFFICE SUPPLIES	I 0	I 0	I
I J35 PACKING MATERIALS	I 0	I 0	I
I J36 ACTIVITIES N.E.C.	I -630.549	I 0.204	I

I RIOM70S	I IMPORTS	I IMPORT TAX	I
I	I	I	I
I SUBTOTAL	I -23010.373	I -2031.255	I

4-2 Imports, 1975

(1980 prices, billion yen)

I RIOM75	I IMPORTS	I IMPORT TAX	I
I	I	I	I
I J1 AGRICULTURE, ETC.	I -3545.770	I -57.803	I
I J2 MINING	I -14980.456	I -237.443	I
I J3 FOOD PROCESSING	I -1533.082	I -170.559	I
I J4 TEXTILES	I -587.097	I -52.967	I
I J5 LUMBER AND WOOD	I -326.252	I -4.045	I
I J6 FURNITURE, FIXTURE	I -24.499	I -2.712	I
I J7 PULP AND PAPER	I -165.279	I -3.111	I
I J8 PRINTING, PUBLISH.	I -43.733	I -0.060	I
I J9 LEATHER & PROD.	I -47.573	I -5.005	I
I J10 RUBBER PRODUCTS	I -40.493	I -4.237	I
I J11 CHEMICALS	I -670.333	I -40.656	I
I J12 PETROLEUM & COAL	I -1636.609	I -21.307	I
I J13 NONMETAL MINERAL	I -60.569	I -2.735	I
I J14 IRON & STEEL MAT.	I -144.360	I -0.433	I
I J15 IRON & STEEL PROD	I -15.313	I -0.733	I
I J16 NONFERROUS METAL	I -1061.253	I -15.055	I
I J17 FABRICATED METALS	I -72.183	I -3.705	I
I J18 GENERAL MACHINERY	I -530.523	I -23.133	I
I J19 ELECTRICAL MACH.	I -370.501	I -27.443	I
I J20 MOTOR VEHICLES	I -105.582	I -22.421	I
I J21 OTHER TRANSPORT	I -274.634	I -1.352	I
I J22 PRECISION INST.	I -253.274	I -16.944	I
I J23 MANUFACTURING NEC	I -230.990	I -23.738	I
I J24 CONSTRUCTION	I 0	I 0	I
I J25 EL, GAS, WATER	I -0.624	I 0	I
I J26 WHOLESALE, RETAIL	I -370.445	I 0	I
I J27 FIN, INS, ESATE	I -250.535	I 0	I
I J28 REAL ESTATE RENT	I 0	I 0	I
I J29 TRANSPORTATION	I -1566.647	I 0	I
I J30 COMMUNICATION	I -18.357	I 0	I
I J31 PUBLIC ADMIN.	I 0	I 0	I
I J32 PUBLIC SERVICES	I 0	I 0	I
I J33 PRIVATE SERVICES	I -412.229	I 0	I
I J34 OFFICE SUPPLIES	I 0	I 0	I
I J35 PACKING MATERIALS	I 0	I 0	I
I J36 ACTIVITIES N.E.C.	I -1062.111	I -0.112	I

I RIOM75S	I IMPORTS	I IMPORT TAX	I
I	I	I	I
I SUBTOTAL	I -30426.616	I -737.379	I

Table 5. Total domestic products
5-1 Total domestic products, 1970
(1980 prices, billion yen)

I RIJQJ70	I DOMESTIC	I
I	I OUTPUT	I

5-2 Total domestic products, 1975
(1980 prices, billion yen)

I RIJQJ75	I DOMESTIC	I
I	I OUTPUT	I

I RIOM703	I IMPORTS	I IMPORT TAX
I SUBTOTAL	I -23010.373	I -2031.255

I RIOM755	I IMPORTS	I IMPORT TAX
I SUBTOTAL	I -30425.615	I -737.379

Table 5. Total domestic products

5-1 Total domestic products, 1970

(1980 prices, billion yen)

I RIQQJ7J	I DOMESTIC	I
I	I OUTPUT	I
I 01 AGRICULTURE, ETC.	I 16585.385	I
I 02 MINING	I 2223.706	I
I 03 FOOD PROCESSING	I 20193.964	I
I 04 TEXTILES	I 10351.902	I
I 05 LUMBER AND WOOD	I 5292.415	I
I 06 FURNITURE, FIXTURE	I 2423.942	I
I 07 PULP AND PAPER	I 5254.333	I
I 08 PRINTING, PUBLISH.	I 5702.716	I
I 09 LEATHER & PROD.	I 500.588	I
I 10 RUBBER PRODUCTS	I 1333.025	I
I 11 CHEMICALS	I 12375.923	I
I 12 PETROLEUM & COAL	I 13777.745	I
I 13 NONMETAL MINERALS	I 5732.937	I
I 14 IRON & STEEL MAT.	I 8351.284	I
I 15 IRON & STEEL PROD	I 13061.501	I
I 16 NONFERROUS METALS	I 4503.099	I
I 17 FABRICATED METALS	I 5630.333	I
I 18 GENERAL MACHINERY	I 13563.485	I
I 19 ELECTRICAL MACH.	I 8372.164	I
I 20 MOTOR VEHICLES	I 9533.343	I
I 21 OTHER TRANSPORT	I 4579.589	I
I 22 PRECISION INST.	I 1277.322	I
I 23 MANUFACTURING NEC	I 4534.570	I
I 24 CONSTRUCTION	I 39133.409	I
I 25 EL, GAS, WATER	I 8002.393	I
I 26 WHOLESALE, RETAIL	I 31117.477	I
I 27 FIN, INS, ESTATE	I 19672.231	I
I 28 REAL ESTATE RENT	I 2304.034	I
I 29 TRANSPORTATION	I 15203.302	I
I 30 COMMUNICATION	I 2634.314	I
I 31 PUBLIC ADMIN.	I 3635.004	I
I 32 PUBLIC SERVICES	I 15112.850	I
I 33 PRIVATE SERVICES	I 25509.086	I
I 34 OFFICE SUPPLIES	I 1020.029	I
I 35 PACKING MATERIALS	I 1405.320	I
I 36 ACTIVITIES N.E.C.	I 8194.055	I

I RIQQJ7JS	I DOMESTIC	I
I	I OUTPUT	I
I SUBTOTAL	I 358073.209	I

5-2 Total domestic products, 1975

(1980 prices, billion yen)

I RIQQJ7J	I DOMESTIC	I
I	I OUTPUT	I
I 01 AGRICULTURE, ETC.	I 16105.707	I
I 02 MINING	I 2044.250	I
I 03 FOOD PROCESSING	I 23621.023	I
I 04 TEXTILES	I 11579.125	I
I 05 LUMBER AND WOOD	I 4769.376	I
I 06 FURNITURE, FIXTURE	I 2797.184	I
I 07 PULP AND PAPER	I 6291.454	I
I 08 PRINTING, PUBLISH.	I 5347.999	I
I 09 LEATHER & PROD.	I 534.650	I
I 10 RUBBER PRODUCTS	I 1779.395	I
I 11 CHEMICALS	I 14674.733	I
I 12 PETROLEUM & COAL	I 17365.057	I
I 13 NONMETAL MINERALS	I 6430.782	I
I 14 IRON & STEEL MAT.	I 10028.477	I
I 15 IRON & STEEL PROD	I 14123.357	I
I 16 NONFERROUS METALS	I 4971.247	I
I 17 FABRICATED METALS	I 7452.761	I
I 18 GENERAL MACHINERY	I 14736.222	I
I 19 ELECTRICAL MACH.	I 10713.294	I
I 20 MOTOR VEHICLES	I 12220.322	I
I 21 OTHER TRANSPORT	I 5454.332	I
I 22 PRECISION INST.	I 1617.781	I
I 23 MANUFACTURING NEC	I 5470.583	I
I 24 CONSTRUCTION	I 48991.273	I
I 25 EL, GAS, WATER	I 12137.612	I
I 26 WHOLESALE, RETAIL	I 40323.383	I
I 27 FIN, INS, ESTATE	I 29579.101	I
I 28 REAL ESTATE RENT	I 3573.417	I
I 29 TRANSPORTATION	I 17355.927	I
I 30 COMMUNICATION	I 4405.469	I
I 31 PUBLIC ADMIN.	I 12055.336	I
I 32 PUBLIC SERVICES	I 21034.001	I
I 33 PRIVATE SERVICES	I 28991.762	I
I 34 OFFICE SUPPLIES	I 765.421	I
I 35 PACKING MATERIALS	I 1542.378	I
I 36 ACTIVITIES N.E.C.	I 8587.530	I

I RIQQJ7JS	I DOMESTIC	I
I	I OUTPUT	I
I SUBTOTAL	I 429380.286	I

Table 6. Value added
6-1 Value added, 1970

(1980 prices, billion yen)

I	RIOVA70	I 01 AGRICU- I LTURE ETC. I	I 02 MINING	I 03 FOOD I PROCESSING	I 04 TEXTIL- I ES	I 05 LUMBER I AND WOOD	I 06 FURNI- I TURE ETC.	I 07 PULP I AND PAPER	I 08 PRINT- I ING, PUBL. I
I	INDIRECT TAXES	I 72.900	I 20.688	I 1260.041	I 33.940	I 19.596	I 10.900	I 21.160	I 22.003
I	SUBSIDIES	I -170.059	I -59.374	I -335.821	I 0	I 0	I 0	I 0	I 0
I	C OUTSIDE HOUSEHOLD	I 25.661	I 21.582	I 76.649	I 69.966	I 26.412	I 17.501	I 43.646	I 73.121
I	WAGES & SALARIES	I 612.496	I 319.917	I 789.187	I 1072.126	I 361.106	I 202.751	I 282.871	I 522.383
I	OTHER LABOR INCOME	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I	OPERATING SURPLUS	I 3346.979	I 162.032	I 729.074	I 303.900	I 150.116	I 115.536	I 233.023	I 232.016
I	DEPRECIATION	I 628.330	I 166.767	I 213.524	I 186.414	I 55.250	I 21.909	I 143.297	I 49.373
I	PRICE ADJUSTMENT	I 5949.363	I 676.649	I 1316.304	I 992.342	I 733.765	I 392.744	I 644.914	I 2466.362
I	GROSS VALUE ADDED	I 10456.670	I 1328.311	I 4548.953	I 2658.688	I 1343.245	I 761.341	I 1368.911	I 3365.258
I	TOTAL OUTPUT	I 16585.385	I 2228.706	I 20193.964	I 10851.902	I 5292.415	I 2423.942	I 5954.835	I 5702.716

I	RIOVA70	I 09 LEATHER I & PRODUCTS	I 10 RUBBER I PRODUCTS	I 11 CHEMI- I CALS	I 12 PETROL- I EUM & COAL	I 13 NONMET- I AL MINERAL	I 14 IRON & I STEEL MAT.	I 15 IRON & I STEEL PROD	I 16 NONFER- I ROUS METAL I
I	INDIRECT TAXES	I 1.257	I 6.205	I 80.933	I 732.034	I 26.217	I 40.518	I 32.415	I 19.370
I	SUBSIDIES	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I	C OUTSIDE HOUSEHOLD	I 2.333	I 8.507	I 126.369	I 44.232	I 52.460	I 23.940	I 43.136	I 21.711
I	WAGES & SALARIES	I 33.145	I 159.697	I 540.504	I 71.170	I 473.995	I 176.034	I 523.408	I 220.277
I	OTHER LABOR INCOME	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I	OPERATING SURPLUS	I 13.171	I 51.272	I 335.649	I 334.841	I 350.423	I 100.997	I 849.550	I 227.605
I	DEPRECIATION	I 2.325	I 43.128	I 497.211	I 104.714	I 177.250	I 201.884	I 299.004	I 100.848
I	PRICE ADJUSTMENT	I 142.095	I 510.968	I -1240.363	I 755.155	I 1085.565	I 1232.299	I -769.634	I 471.507
I	GROSS VALUE ADDED	I 194.331	I 779.777	I 940.303	I 2042.146	I 2170.910	I 1745.722	I 982.879	I 1061.318
I	TOTAL OUTPUT	I 500.383	I 1833.025	I 12576.928	I 13777.745	I 5932.937	I 8851.204	I 13061.601	I 4508.099

I	RIOVA70	I 17 FABRICA I TED METALS	I 18 GENERAL I MACHINERY	I 19 ELECTR- I ICAL MACH.	I 20 MOTOR I VEHICLES	I 21 OTHER I TRANSPORT	I 22 PRECI- I SION INST.	I 23 MANUFAC I TURING NEC	I 24 CONST- I RUCTION
I	INDIRECT TAXES	I 34.442	I 94.074	I 159.011	I 175.614	I 23.980	I 21.357	I 38.930	I 134.030
I	SUBSIDIES	I 0	I 0	I 0	I 0	I -0.045	I 0	I 0	I -1.535
I	C OUTSIDE HOUSEHOLD	I 58.211	I 101.247	I 136.559	I 52.954	I 22.648	I 23.819	I 41.568	I 371.812
I	WAGES & SALARIES	I 783.739	I 1395.232	I 1139.021	I 833.976	I 473.793	I 224.733	I 374.169	I 3008.990
I	OTHER LABOR INCOME	I 0	I 0	I 0	I 0	I 0	I 0	I 0	I 0
I	OPERATING SURPLUS	I 583.663	I 1021.720	I 982.373	I 498.968	I 171.722	I 96.434	I 239.105	I 1968.766
I	DEPRECIATION	I 112.675	I 313.056	I 257.618	I 259.110	I 106.046	I 37.702	I 115.013	I 662.293
I	PRICE ADJUSTMENT	I 1083.382	I 917.156	I -2177.083	I 1452.232	I 1117.242	I -109.441	I 622.451	I 11273.882
I	GROSS VALUE ADDED	I 2661.112	I 3842.435	I 497.502	I 3272.854	I 1915.386	I 294.604	I 1431.236	I 17418.238
I	TOTAL OUTPUT	I 6530.335	I 13553.435	I 8372.164	I 9633.648	I 4579.589	I 1277.522	I 4684.570	I 39138.409

I	RIOVA70	I 25 EL,GAS, I WATER	I 26 WHOLES- I ALE,RETAIL	I 27 FIN, I INS,ESTATE	I 28 REAL I ESTATE REN	I 29 TRANS- I PORTATION	I 30 COMMU- I NICATION	I 31 PUBLIC I ADMIN.	I 32 PUBLIC I SERVICES
I	INDIRECT TAXES	I 169.220	I 529.632	I 319.194	I 3.923	I 91.429	I 16.206	I 3.590	I 22.724

I C OUTSIDE HOUSEHOLD	I 59.211 I	I 111.247 I	I 136.559 I	I 52.954 I	I 22.648 I	I 23.819 I	I 41.568 I	I 1.555 I
I WAGES & SALARIES	I 785.759 I	I 1395.232 I	I 1159.021 I	I 833.976 I	I 473.793 I	I 224.733 I	I 374.169 I	I 3008.990 I
I OTHER LABOR INCOME	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I
I OPERATING SURPLUS	I 583.563 I	I 1021.720 I	I 982.373 I	I 498.968 I	I 171.722 I	I 96.434 I	I 239.105 I	I 1968.766 I
I DEPRECIATION	I 112.675 I	I 313.056 I	I 257.618 I	I 259.110 I	I 106.046 I	I 37.702 I	I 115.013 I	I 662.293 I
I PRICE ADJUSTMENT	I 1089.382 I	I 917.156 I	I -2177.085 I	I 1452.232 I	I 1117.242 I	I -109.441 I	I 522.451 I	I 11273.882 I
I GROSS VALUE ADDED	I 2661.112 I	I 3842.435 I	I 497.502 I	I 3272.854 I	I 1915.386 I	I 294.604 I	I 1431.236 I	I 17418.238 I
I TOTAL OUTPUT	I 6630.335 I	I 13563.435 I	I 8872.164 I	I 9633.648 I	I 4579.589 I	I 1277.522 I	I 4684.570 I	I 39138.409 I

I RIOVA70	I 25 EL,GAS, I WATER	I 26 WHOLES- I ALE,RETAIL	I 27 FIN, I INS,ESTATE	I 28 REAL I ESTATE REN	I 29 TRANS- I PORTATION	I 30 COMMU- I NICATION	I 31 PUBLIC I ADMIN.	I 32 PUBLIC I SERVICES
I INDIRECT TAXES	I 169.226 I	I 529.632 I	I 319.193 I	I 3.923 I	I 91.429 I	I 16.256 I	I 3.590 I	I 22.724 I
I SUBSIDIES	I -9.346 I	I -71.323 I	I -53.370 I	I 0 I	I -14.653 I	I 0 I	I 0 I	I -18.197 I
I C OUTSIDE HOUSEHOLD	I 23.756 I	I 474.742 I	I 154.095 I	I 1.458 I	I 188.789 I	I 18.134 I	I 119.743 I	I 57.238 I
I WAGES & SALARIES	I 593.942 I	I 4616.241 I	I 1652.234 I	I 116.553 I	I 2574.416 I	I 546.742 I	I 1312.195 I	I 3038.344 I
I OTHER LABOR INCOME	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I	I 0 I
I OPERATING SURPLUS	I 546.277 I	I 4016.672 I	I 4456.694 I	I 730.561 I	I 452.630 I	I 34.336 I	I 0 I	I 439.892 I
I DEPRECIATION	I 518.180 I	I 648.547 I	I 1294.845 I	I 128.665 I	I 823.303 I	I 351.629 I	I 60.751 I	I 415.625 I
I PRICE ADJUSTMENT	I 2719.497 I	I 10637.943 I	I 8103.392 I	I 1094.503 I	I 5247.876 I	I 948.841 I	I 3697.997 I	I 7105.555 I
I GROSS VALUE ADDED	I 4560.932 I	I 20852.454 I	I 15927.088 I	I 2080.663 I	I 9363.788 I	I 1926.018 I	I 5694.276 I	I 11121.231 I
I TOTAL OUTPUT	I 8602.393 I	I 31117.477 I	I 19672.231 I	I 2304.034 I	I 15208.502 I	I 2634.614 I	I 8635.004 I	I 15112.850 I

I RIOVA70	I 33 PRIVATE I SERVICES	I 34 OFFICE I SUPPLIES	I 35 PACKING I MATERIALS	I 36 ACTIVI- I TIES NEC
I INDIRECT TAXES	I 480.125 I	I 0 I	I 2.689 I	I 81.279 I
I SUBSIDIES	I -0.002 I	I 0 I	I 0 I	I -56.673 I
I C OUTSIDE HOUSEHOLD	I 268.785 I	I 0 I	I 0 I	I 102.206 I
I WAGES & SALARIES	I 2211.470 I	I 0 I	I 84.165 I	I 74.607 I
I OTHER LABOR INCOME	I 0 I	I 0 I	I 0 I	I 0 I
I OPERATING SURPLUS	I 1585.742 I	I 0 I	I 3.976 I	I 1215.275 I
I DEPRECIATION	I 444.953 I	I 0 I	I 2.313 I	I 76.616 I
I PRICE ADJUSTMENT	I 10211.312 I	I 78.853 I	I 107.109 I	I 1826.046 I
I GROSS VALUE ADDED	I 15302.690 I	I 78.853 I	I 200.752 I	I 3319.356 I
I TOTAL OUTPUT	I 25509.086 I	I 1025.629 I	I 1406.820 I	I 8194.055 I

I RIOVAOUT70	I INTERMED. I DEMAND
I INDIRECT TAXES	I 4306.696 I
I SUBSIDIES	I -791.000 I
I C OUTSIDE HOUSEHOLD	I 2910.065 I
I WAGES & SALARIES	I 32070.679 I
I OTHER LABOR INCOME	I 0 I
I OPERATING SURPLUS	I 27181.095 I
I DEPRECIATION	I 9531.173 I
I PRICE ADJUSTMENT	I 31302.273 I
I GROSS VALUE ADDED	I 157510.986 I
I TOTAL OUTPUT	I 358073.209 I

RIQVA75	01 AGRICULTURE ETC.	02 MINING	03 FOOD PROCESSING	04 TEXTILES	05 LUMBER AND WOOD	06 FURNITURE ETC.	07 PULP AND PAPER	08 PRINTING, PUBL.
INDIRECT TAXES	309.684	41.349	1792.939	97.420	31.883	22.086	50.230	40.072
SUBSIDIES	-233.072	-52.259	-914.358	-1.085	0	0	0	0
C OUTSIDE HOUSEHOLD	57.843	45.756	283.473	160.076	43.323	45.958	90.397	156.182
WAGES & SALARIES	1143.106	419.165	1693.470	2033.389	518.941	535.391	697.261	1186.513
OTHER LABOR INCOME	0	0	0	0	0	0	0	0
OPERATING SURPLUS	5603.237	133.531	1304.817	189.487	154.251	165.277	203.125	287.192
DEPRECIATION	1095.961	175.391	463.324	331.580	102.690	56.640	233.524	110.779
PRICE ADJUSTMENT	1697.530	212.906	2211.376	672.312	333.844	211.868	245.724	844.152
GROSS VALUE ADDED	9684.394	1025.839	6340.041	3483.179	1185.432	1037.220	1525.261	2624.890
TOTAL OUTPUT	16105.707	2044.250	23621.023	11679.125	4769.576	2797.184	6291.454	5347.999

RIQVA75	09 LEATHER & PRODUCTS	10 RUBBER PRODUCTS	11 CHEMICALS	12 PETROLEUM & COAL	13 NONMETAL MINERAL	14 IRON & STEEL MAT.	15 IRON & STEEL PROD	16 NONFERROUS METAL
INDIRECT TAXES	3.900	13.623	151.334	1075.953	55.389	73.899	95.236	30.149
SUBSIDIES	0	0	0	0	0	0	0	0
C OUTSIDE HOUSEHOLD	7.483	23.753	286.386	153.910	103.765	52.563	114.068	42.586
WAGES & SALARIES	65.239	331.534	1455.899	177.805	1003.304	362.135	1252.075	434.945
OTHER LABOR INCOME	0	0	0	0	0	0	0	0
OPERATING SURPLUS	24.521	30.520	587.089	103.961	369.522	119.895	543.596	143.315
DEPRECIATION	14.059	35.490	720.895	182.794	305.556	362.209	578.318	137.763
PRICE ADJUSTMENT	87.083	99.057	-715.598	1200.213	416.263	1054.327	-854.786	335.857
GROSS VALUE ADDED	205.290	633.977	2586.005	2894.636	2259.299	2025.028	1733.507	1124.615
TOTAL OUTPUT	534.650	1779.395	14674.733	17365.057	6483.782	10026.477	14123.357	4671.247

RIQVA75	17 FABRICATED METALS	18 GENERAL MACHINERY	19 ELECTRICAL MACH.	20 MOTOR VEHICLES	21 OTHER TRANSPORT	22 PRECISION INST.	23 MANUFACTURING NEC	24 CONSTRUCTION
INDIRECT TAXES	69.997	140.403	285.754	326.559	49.173	48.858	100.577	337.509
SUBSIDIES	0	0	-20.009	0	-7.998	0	0	-56.941
C OUTSIDE HOUSEHOLD	135.496	248.179	262.125	158.920	69.092	42.836	98.992	912.190
WAGES & SALARIES	1719.251	3166.408	2437.620	1785.027	1060.395	493.713	949.097	7598.180
OTHER LABOR INCOME	0	0	0	0	0	0	0	0
OPERATING SURPLUS	761.980	929.258	770.254	702.288	257.194	114.018	338.434	4477.809
DEPRECIATION	272.043	544.638	418.789	477.155	203.605	50.517	256.313	1554.031
PRICE ADJUSTMENT	59.343	-424.631	-1571.566	250.618	603.034	-201.422	80.576	8660.160
GROSS VALUE ADDED	3013.110	4604.305	2582.967	3700.567	2239.495	558.520	1824.489	23432.938
TOTAL OUTPUT	7452.761	14736.222	10713.294	12220.822	5454.832	1617.781	5470.588	48991.273

RIQVA75	25 ELECTRICITY, GAS, WATER	26 WHOLESALE, RETAIL TRADE	27 FINANCE, INSURANCE, REAL ESTATE	28 REAL ESTATE RENT	29 TRANSPORTATION	30 COMMUNICATION	31 PUBLIC ADMIN.	32 PUBLIC SERVICES
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I C OUTSIDE HOUSEHOLD	I	155.496	I	248.179	I	262.125	I	158.920	I	69.092	I	42.836	I	98.992	I	912.190	I	-56.941	I
I WAGES & SALARIES	I	1719.251	I	3166.408	I	2437.620	I	1785.027	I	1060.395	I	493.713	I	949.097	I	7598.180	I		I
I OTHER LABOR INCOME	I	0	I	0	I	0	I	0	I	0	I	0	I	0	I	0	I		I
I OPERATING SURPLUS	I	761.980	I	929.258	I	770.254	I	702.288	I	257.194	I	114.018	I	338.434	I	4477.809	I		I
I DEPRECIATION	I	272.043	I	544.638	I	418.789	I	477.155	I	203.605	I	60.517	I	256.313	I	1554.031	I		I
I PRICE ADJUSTMENT	I	59.343	I	-424.631	I	-1571.566	I	250.618	I	608.034	I	-201.422	I	80.576	I	8660.160	I		I
I GROSS VALUE ADDED	I	3013.110	I	4604.305	I	2582.967	I	3700.567	I	2239.495	I	558.520	I	1824.489	I	23482.938	I		I
I TOTAL OUTPUT	I	7452.761	I	14736.222	I	10718.294	I	12220.822	I	5454.832	I	1617.731	I	5470.588	I	48991.273	I		I

I RIJVA75	I	25 EL,GAS, I WATER	I	26 WHOLES- I ALE,RETAIL	I	27 FIN, I INS,ESTATE	I	28 REAL I ESTATE REN	I	29 TRANS- I PORTATION	I	30 COMMU- I NICATION	I	31 PUBLIC I ADMIN.	I	32 PUBLIC I SERVICES	I		I
I INDIRECT TAXES	I	372.350	I	846.121	I	343.302	I	131.970	I	285.465	I	53.158	I	14.905	I	84.363	I		I
I SUBSIDIES	I	-30.644	I	-75.833	I	-149.213	I	0	I	-331.945	I	-4.143	I	0	I	-88.474	I		I
I C OUTSIDE HOUSEHOLD	I	84.252	I	1057.697	I	355.572	I	10.896	I	315.477	I	36.247	I	214.661	I	166.111	I		I
I WAGES & SALARIES	I	1652.310	I	12452.592	I	4309.910	I	413.907	I	5983.507	I	1337.846	I	5747.582	I	9778.921	I		I
I OTHER LABOR INCOME	I	0	I	0	I	0	I	0	I	0	I	0	I	0	I	0	I		I
I OPERATING SURPLUS	I	734.480	I	6352.191	I	9401.476	I	1566.649	I	-45.407	I	-76.967	I	0	I	1096.306	I		I
I DEPRECIATION	I	379.212	I	1240.691	I	3817.171	I	237.819	I	1132.585	I	751.695	I	202.601	I	805.519	I		I
I PRICE ADJUSTMENT	I	2228.325	I	6898.069	I	5472.432	I	980.645	I	2167.150	I	1734.108	I	2027.794	I	3581.746	I		I
I GROSS VALUE ADDED	I	5971.485	I	23791.478	I	24056.150	I	3341.836	I	9503.832	I	3811.954	I	8207.543	I	15424.492	I		I
I TOTAL OUTPUT	I	12187.612	I	40323.583	I	29579.101	I	3673.417	I	17055.927	I	4405.469	I	12055.336	I	21084.661	I		I

I RIJVA75	I	33 PRIVATE I SERVICES	I	34 OFFICE I SUPPLIES	I	35 PACKING I MATERIALS	I	36 ACTIVI- I TIES NEC	I		I
I INDIRECT TAXES	I	1163.239	I	0	I	6.138	I	27.488	I		I
I SUBSIDIES	I	-3.963	I	0	I	0	I	-154.044	I		I
I C OUTSIDE HOUSEHOLD	I	525.833	I	0	I	0	I	329.771	I		I
I WAGES & SALARIES	I	6346.614	I	0	I	234.249	I	113.007	I		I
I OTHER LABOR INCOME	I	0	I	0	I	0	I	0	I		I
I OPERATING SURPLUS	I	3222.951	I	0	I	0	I	117.379	I		I
I DEPRECIATION	I	977.378	I	0	I	6.421	I	565.110	I		I
I PRICE ADJUSTMENT	I	4795.521	I	-12.828	I	103.211	I	64.804	I		I
I GROSS VALUE ADDED	I	17027.573	I	-12.828	I	350.019	I	1063.515	I		I
I TOTAL OUTPUT	I	28991.762	I	765.421	I	1542.873	I	8637.530	I		I

I RIJVAOUT75	I	INTERMED. I DEMAND	I		I
I INDIRECT TAXES	I	9056.185	I		I
I SUBSIDIES	I	-2124.031	I		I
I C OUTSIDE HOUSEHOLD	I	6702.384	I		I
I WAGES & SALARIES	I	30962.308	I		I
I OTHER LABOR INCOME	I	0	I		I
I OPERATING SURPLUS	I	40902.629	I		I
I DEPRECIATION	I	19365.316	I		I
I PRICE ADJUSTMENT	I	45554.617	I		I
I GROSS VALUE ADDED	I	200420.103	I		I
I TOTAL OUTPUT	I	429380.285	I		I

Table 7. Input coefficients
7-1 Input coefficients, 1970

A(I,J) / X(I) PRINT

*** RI01970 (89/02/02)

DATE : 2/ 2/1989 PAGE = 5

	1	2	3	4	5	6	7	8	9	10
1	.144952	.003783	.426469	.089099	.474480	.000133	.019602	.000000	.006483	.050891
2	.000051	.005468	.000377	.000203	.000017	.000000	.004323	.000000	.000000	.000198
3	.060106	.000000	.143678	.001411	.001997	.000000	.000512	.000000	.201881	.000000
4	.009752	.002134	.000750	.341924	.001843	.024247	.001734	.003861	.051628	.061046
5	.001812	.001803	.002717	.000793	.110180	.294208	.057590	.000173	.000292	.000004
6	.000106	.000456	.000151	.001194	.000473	.010944	.000784	.000356	.000000	.000265
7	.005620	.000000	.005709	.001767	.006632	.007649	.364740	.138260	.001033	.006136
8	.000565	.003273	.004060	.007089	.002355	.004701	.079954	.123365	.002114	.002730
9	.000003	.000000	.000000	.007794	.000000	.000130	.000013	.000234	.113234	.000000
10	.000607	.003691	.000167	.004936	.000126	.004185	.000329	.000556	.005660	.058581
11	.032156	.011150	.009073	.081358	.017255	.017430	.026903	.016263	.012123	.176079
12	.031540	.126590	.015295	.011584	.008258	.007381	.030551	.001266	.008961	.020130
13	.002636	.000043	.010761	.000000	.000545	.004356	.000786	.000013	.000430	.004822
14	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
15	.000175	.005071	.000000	.000014	.001611	.037729	.000000	.000000	.000000	.004665
16	.000001	.000364	.001232	.000242	.000597	.003979	.000227	.004173	.000000	.000000
17	.001924	.013290	.008934	.005510	.003973	.042673	.001551	.000046	.020912	.013430
18	.004117	.010588	.002065	.003472	.002983	.002726	.002670	.001705	.000416	.004685
19	.000035	.004595	.000027	.000655	.000054	.001266	.000000	.000880	.000338	.000000
20	.001310	.047524	.000990	.001809	.002607	.001597	.002061	.000414	.006393	.001874
21	.003560	.000503	.000018	.000000	.000006	.000000	.000016	.000000	.000000	.000000
22	.000010	.000022	.000016	.000040	.000026	.000022	.000028	.000052	.000002	.000020
23	.003088	.000566	.005319	.004841	.002138	.034257	.000001	.006515	.045671	.041159
24	.007587	.008623	.002935	.002609	.001967	.006252	.002342	.002870	.007512	.002283
25	.002455	.032896	.009439	.017288	.012388	.012247	.039896	.006493	.008138	.018507
26	.014144	.021758	.039042	.048994	.028211	.074905	.025357	.023264	.052529	.033951
27	.014671	.022735	.009420	.026872	.011641	.007787	.019630	.013866	.006239	.029760
28	.000638	.003968	.001966	.001402	.000812	.002294	.002865	.002696	.001837	.001914
29	.011888	.022548	.019802	.019702	.032519	.013992	.020426	.015632	.007916	.017497
30	.000480	.004254	.002944	.005270	.003254	.006544	.002804	.001891	.002454	.001412
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.000045	.000802	.001045	.001380	.000350	.001221	.000569	.000008	.001069	.001254
33	.000200	.005192	.021064	.008956	.007245	.014468	.007288	.020162	.005648	.004584
34	.001680	.005391	.001434	.002657	.000256	.003919	.005047	.003920	.000202	.001064
35	.001557	.000052	.011598	.027102	.001359	.017298	.012520	.002789	.002746	.010606
36	.010053	.034864	.016240	.027035	.008038	.025367	.037001	.018165	.036781	.005050
37	.369525	.403999	.774737	.755003	.746194	.685908	.770118	.409885	.610640	.574596
38	.630475	.596001	.225263	.244997	.253806	.314092	.229882	.590115	.389360	.425404
39	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

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11 12 13 14 15 16 17 18 19 20

32	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
33	.000045	.000802	.001045	.001380	.000350	.001221	.000569	.000008	.001069	.001254
34	.001680	.005192	.021064	.008956	.007245	.014468	.007288	.020162	.005648	.004584
35	.001557	.005391	.001434	.002657	.000256	.003919	.005047	.003920	.000202	.001064
36	.010053	.000052	.011598	.027102	.001359	.017298	.012520	.002789	.002746	.010606
37	.369525	.034864	.016240	.027035	.008038	.025367	.037001	.018165	.036781	.005050
38	.630475	.403999	.774737	.755003	.746194	.685908	.770118	.409885	.610640	.574596
39	1.000000	.596001	.225263	.244997	.253806	.314092	.229882	.590115	.389360	.425404
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	11	12	13	14	15	16	17	18	19	20
1	.033450	.000397	.000165	.000274	.000013	.000294	.000122	.000000	.000000	.000000
2	.013858	.742435	.120803	.080669	.002071	.131459	.000152	.000506	.000709	.000034
3	.012146	.000098	.000158	.000000	.000007	.000037	.000000	.000000	.000000	.000000
4	.001224	.000083	.003021	.000154	.000447	.002035	.003054	.001104	.003254	.001872
5	.000566	.000077	.006410	.000000	.002659	.002606	.004399	.001051	.001296	.002114
6	.000375	.000294	.000892	.000147	.000236	.000375	.000420	.002373	.018713	.001057
7	.030771	.000095	.021598	.000000	.000000	.002989	.002653	.001440	.011446	.001470
8	.003595	.000767	.005378	.001094	.001334	.001514	.004192	.004983	.011087	.003721
9	.000206	.000000	.000000	.000000	.000000	.000000	.000038	.000434	.000494	.000069
10	.001457	.000036	.000019	.000354	.000881	.000141	.003473	.010757	.006735	.006815
11	.428489	.003502	.016561	.006294	.005294	.017252	.007473	.004489	.017883	.008062
12	.163302	.044148	.096912	.142529	.043847	.029148	.029346	.018634	.017719	.006702
13	.004832	.000376	.093216	.017212	.002216	.009453	.009259	.003939	.023041	.006604
14	.000000	.000000	.000041	.404703	.445766	.000040	.003228	.003455	.003517	.005171
15	.000017	.000000	.015124	.000000	.269368	.001612	.263863	.148488	.079462	.080678
16	.008309	.000065	.003793	.015375	.011469	.357904	.056196	.026366	.126651	.031841
17	.004962	.001492	.001925	.000018	.001362	.001641	.049937	.017529	.018759	.010403
18	.007186	.001941	.011938	.002522	.011670	.005869	.002416	.246241	.028025	.066960
19	.003406	.000733	.000993	.001269	.001367	.002800	.000417	.047411	.223700	.032725
20	.001825	.000553	.003602	.000209	.001278	.001836	.002566	.002427	.002304	.200390
21	.000020	.000003	.000199	.000145	.000136	.000005	.000000	.000000	.000000	.000563
22	.000060	.000013	.000057	.000003	.000010	.000027	.000019	.006207	.003687	.005410
23	.011929	.001164	.000491	.000000	.000012	.000300	.002226	.006627	.051309	.019557
24	.005153	.001184	.005522	.001868	.002025	.002446	.004037	.002087	.004880	.002141
25	.050042	.004266	.041833	.046380	.021623	.051443	.015757	.012882	.019002	.014824
26	.026421	.004620	.042117	.030660	.024549	.026069	.047265	.067499	.083442	.051114
27	.031540	.009172	.029314	.006568	.008464	.032964	.018495	.023792	.038055	.017141
28	.004943	.001568	.004542	.001362	.002250	.002620	.003552	.002414	.006110	.001744
29	.021492	.008453	.049515	.024894	.010782	.020554	.018893	.018874	.018677	.011884
30	.006923	.001828	.005180	.002706	.004007	.004165	.005939	.003993	.014776	.003995
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.003148	.000600	.001656	.001337	.001654	.001175	.001188	.001890	.002305	.001723
33	.027893	.001905	.006755	.001571	.002942	.005567	.006612	.019858	.059595	.010076
34	.003811	.000870	.004728	.000194	.000987	.002967	.002242	.005702	.011137	.001920
35	.006889	.000266	.019537	.000242	.001697	.008427	.007831	.001394	.006735	.000000
36	.034488	.018776	.020178	.011511	.042322	.036840	.027844	.008768	.036455	.007828
37	.925236	.851779	.634092	.802770	.924750	.764575	.598646	.716704	.943926	.660268
38	.074764	.148221	.365908	.197230	.075250	.235425	.401354	.283296	.056074	.339732
39	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

	21	22	23	24	25	26	27	28	29	30
1	.000000	.000000	.018894	.001515	.000000	.000000	.000000	.000000	.000000	.000000
2	.000237	.000034	.001668	.017700	.105326	.000000	.000011	.000000	.000636	.000061
3	.000000	.000000	.001327	.000000	.000000	.000392	.000000	.000000	.000000	.000000
4	.003229	.006125	.013660	.010130	.000643	.002108	.000300	.000017	.005125	.003133
5	.012365	.001731	.039818	.075316	.000025	.003408	.000000	.000000	.000147	.000000
6	.002727	.001820	.000472	.015168	.001177	.000867	.000384	.000059	.000945	.002835
7	.000565	.002668	.030975	.002316	.000909	.010461	.000712	.000000	.000988	.002789
8	.002093	.011061	.004128	.002222	.002885	.005810	.009121	.000129	.002387	.017420
9	.000941	.028954	.004197	.000000	.000002	.000058	.000000	.000000	.000014	.000394
10	.014742	.003059	.000574	.000224	.000174	.000000	.000000	.000000	.000395	.000893
11	.015049	.004196	.236429	.005400	.002841	.000000	.000000	.000001	.000289	.001141
12	.010163	.012703	.020176	.021395	.234086	.030289	.001404	.002063	.101557	.006977
13	.001970	.015454	.006471	.089673	.000470	.001274	.000000	.000000	.000063	.000000
14	.003097	.002547	.000000	.000099	.000000	.000000	.000000	.000000	.000000	.000000
15	.108524	.080295	.007869	.036668	.000023	.000000	.000000	.000000	.000016	.000000
16	.022782	.075542	.014924	.011238	.000033	.000000	.000000	.000000	.000003	.000000
17	.018437	.001577	.005078	.070787	.000375	.006757	.000000	.000000	.001072	.000001
18	.089876	.047516	.003267	.015853	.002032	.000080	.000612	.000000	.000570	.000195
19	.020885	.011979	.000697	.012972	.007646	.002001	.000223	.000000	.000356	.002612
20	.001008	.001869	.002363	.009368	.006853	.034512	.000775	.000553	.051798	.001992
21	.101717	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.038941	.000000
22	.004546	.187120	.000026	.000273	.000766	.002167	.000036	.000000	.000077	.000085
23	.012724	.034842	.079900	.010688	.000352	.000629	.002930	.002455	.000264	.001322
24	.004533	.005203	.001467	.001390	.022953	.006682	.077337	.063596	.008576	.002722
25	.009149	.016703	.015542	.006307	.014729	.016935	.005919	.008561	.019636	.011756
26	.050244	.087631	.046847	.051700	.003769	.019353	.002083	.000568	.006638	.005640
27	.041359	.029876	.013312	.013091	.011493	.069189	.009899	.011982	.026486	.007658
28	.000794	.002904	.002668	.002965	.004205	.031006	.015653	.000000	.008219	.009443
29	.013072	.021276	.016214	.028583	.011564	.024356	.004516	.000494	.077378	.025587
30	.002487	.007604	.007387	.004780	.002774	.015454	.011444	.000000	.004770	.014796
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.001947	.002611	.001261	.001244	.001435	.000676	.000537	.000001	.002353	.014560
33	.003558	.038366	.010939	.017716	.010432	.032731	.030204	.005707	.012973	.010466
34	.001913	.007866	.006230	.002784	.000901	.003914	.001516	.000000	.002622	.004549
35	.000000	.007816	.035900	.000000	.000000	.002767	.000000	.000000	.000695	.000107
36	.010716	.015539	.043801	.015591	.018923	.006002	.014761	.000762	.008319	.119821
37	.581756	.769394	.694479	.554958	.469807	.329880	.190377	.096948	.384306	.268956
38	.418244	.230606	.305521	.445042	.530193	.670120	.809623	.903052	.615694	.731044
39	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

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36	.010716	.015539	.043801	.015591	.018928	.002767	.000000	.000000	.000695	.000107
37	.531756	.769394	.694479	.554958	.469807	.006002	.014761	.000762	.008319	.119821
38	.418244	.230606	.305521	.445042	.530193	.329880	.190377	.096948	.384306	.268956
39	1.000000	1.000000	1.000000	1.000000	1.000000	.670120	.809623	.903052	.615694	.731044
						1.000000	1.000000	1.000000	1.000000	1.000000

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	31	32	33	34	35	36
1	.000000	.004991	.018256	.000000	.000000	.018544
2	.000362	.000190	.000111	.000000	.000000	.011016
3	.000000	.010742	.077934	.000000	.000000	.002976
4	.005315	.001983	.001973	.006887	.020858	.039873
5	.000019	.000642	.001132	.000000	.073018	.002698
6	.000479	.005780	.002514	.000000	.000000	.013914
7	.002509	.002055	.003489	.265422	.429810	.029242
8	.011055	.017138	.053259	.000000	.025883	.074918
9	.000521	.000000	.000045	.000000	.000000	.001752
10	.002124	.000824	.000886	.004619	.000276	.006226
11	.005735	.046767	.005702	.033904	.000277	.008336
12	.016887	.008248	.010762	.000000	.000000	.022067
13	.000132	.002822	.001206	.000613	.000000	.009384
14	.000362	.000000	.000000	.000000	.000000	.000636
15	.000351	.000000	.000148	.000000	.002147	.023740
16	.000201	.002982	.000007	.000000	.000000	.005105
17	.001975	.000761	.002144	.005028	.001621	.012934
18	.009727	.001604	.002888	.001791	.000000	.005950
19	.004376	.000524	.002199	.000000	.000000	.006243
20	.005248	.003459	.002478	.000000	.000000	.003193
21	.030086	.000083	.000581	.000000	.000000	.000964
22	.000318	.001751	.000623	.000000	.000000	.003104
23	.001622	.002575	.003994	.118866	.135071	.013143
24	.011438	.009669	.007098	.000000	.000000	.004251
25	.012839	.019028	.021729	.000000	.007111	.007345
26	.008520	.039441	.038411	.381552	.072782	.127636
27	.067061	.006301	.009549	.000000	.000108	.077280
28	.005407	.003419	.009879	.000000	.009241	-.007821
29	.042265	.009047	.009438	.029411	.029382	.024807
30	.009511	.002812	.007423	.000000	.000000	.004020
31	.000000	.000000	.000000	.000000	.000000	-.004039
32	.006686	.002770	.000227	.000000	.000000	.017777
33	.020961	.009605	.062687	.000000	.005800	.025554
34	.005796	.001284	.003815	.000000	.000484	.000189
35	.000190	.000000	.000013	.000000	.000000	.001949
36	.051205	.044823	.037503	.075023	.043432	-.000001
37	.340559	.264121	.400100	.923117	.857301	.594907
38	.659441	.735879	.599900	.076883	.142699	.405093
39	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

7-2 Input coefficients, 1975

A(I,J) / X(I) PRINT

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	1	2	3	4	5	6	7	8	9	10
1	.120872	.002516	.370282	.066333	.449020	.000100	.008187	.000000	.010043	.052498
2	.000009	.003515	.000167	.000029	.000014	.000000	.003593	.000000	.000000	.000255
3	.072563	.000000	.118893	.001019	.000916	.000000	.000881	.000000	.211277	.000000
4	.009498	.002060	.000875	.316164	.002094	.019864	.001080	.003867	.049200	.061629
5	.001099	.001588	.002278	.000772	.112107	.197967	.059767	.000204	.000181	.000000
6	.000202	.000655	.000487	.000609	.000437	.029906	.000454	.000935	.000000	.000517
7	.007063	.000000	.008805	.001392	.007256	.012812	.378857	.161510	.000918	.005647
8	.000442	.002124	.002629	.004483	.001542	.002817	.073450	.156573	.001644	.002130
9	.000002	.000000	.000000	.008552	.000000	.000100	.000018	.000372	.112556	.000000
10	.000530	.001757	.000168	.003608	.000065	.003016	.000235	.000357	.004328	.060886
11	.039702	.008539	.009427	.068340	.014029	.020653	.023123	.020873	.009748	.188417
12	.038742	.156839	.012199	.009795	.007039	.014041	.019551	.003438	.007596	.022572
13	.002346	.000034	.009993	.000000	.000494	.006595	.000618	.000018	.000368	.006036
14	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
15	.000161	.004576	.000016	.000002	.0000786	.022276	.000000	.000000	.000000	.000361
16	.000000	.000447	.001064	.000210	.000734	.003565	.000065	.004468	.000000	.000000
17	.003217	.013671	.011582	.005954	.005474	.043280	.001410	.000069	.017200	.011044
18	.007365	.007901	.003480	.003455	.002893	.002919	.002758	.002344	.000518	.005129
19	.000157	.003949	.000038	.000747	.000053	.001124	.000002	.001206	.000387	.000002
20	.004271	.074199	.001277	.002060	.004140	.002637	.001293	.002286	.002865	.001793
21	.005974	.000096	.000015	.000000	.000000	.000000	.000001	.000000	.000000	.000000
22	.000023	.000028	.000016	.000077	.000040	.000048	.000061	.000101	.000009	.000022
23	.004821	.000469	.006959	.005226	.004138	.036297	.000001	.008302	.054950	.047879
24	.006699	.003906	.002747	.003401	.001088	.006537	.002621	.002654	.001902	.002281
25	.003777	.032074	.009596	.015219	.015088	.013125	.048332	.010030	.008011	.018545
26	.026251	.051008	.051727	.048122	.050786	.083908	.028613	.038001	.061100	.046627
27	.018719	.041003	.009444	.051632	.012980	.017434	.035985	.022582	.004798	.037158
28	.000472	.006251	.001674	.001355	.002256	.003391	.003089	.003229	.002525	.002186
29	.014193	.036464	.015766	.014424	.025069	.015108	.014995	.015781	.007545	.020876
30	.001064	.005436	.002425	.005600	.006871	.008385	.002786	.003089	.003013	.001926
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.000057	.000982	.001179	.001771	.000419	.001241	.001118	.001113	.001405	.001709
33	.000316	.005910	.013661	.010745	.009458	.017092	.009623	.037541	.006163	.007207
34	.000371	.001132	.000556	.003309	.001569	.001904	.002443	.002111	.000367	.000855
35	.001793	.000058	.016515	.028612	.001591	.011351	.010161	.002808	.002615	.010141
36	.005964	.028996	.024486	.018744	.011013	.029700	.022395	.003320	.036532	.023982
37	.398735	.498183	.710426	.701760	.751460	.629191	.757566	.509183	.619770	.643712
38	.601265	.501817	.289574	.298240	.248540	.370809	.242434	.490817	.380230	.356288
39	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

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33	.000318	.005910	.013661	.010745	.009458	.017092	.001118	.001113	.001405	.001709
34	.000371	.001132	.000556	.003309	.001569	.001904	.009623	.037541	.006163	.007207
35	.001793	.000058	.016515	.028612	.001591	.011351	.002443	.002111	.000367	.000855
36	.005964	.028996	.024486	.018744	.011013	.029700	.010161	.002808	.002615	.010141
37	.398735	.498183	.710426	.701760	.751460	.629191	.022395	.003320	.036532	.023982
38	.601265	.501817	.289574	.298240	.248540	.370809	.757566	.509183	.619770	.643712
39	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

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	11	12	13	14	15	16	17	18	19	20
1	.002863	.000579	.000260	.000000	.000000	.000429	.000047	.000000	.000000	.000000
2	.008950	.701023	.128763	.089722	.001502	.151867	.000099	.000420	.000000	.000000
3	.010109	.000090	.000209	.000000	.000002	.000001	.000000	.000000	.000000	.000000
4	.000958	.000118	.002704	.000169	.000447	.001621	.002876	.001115	.002454	.002190
5	.000406	.000000	.002848	.000000	.001978	.001754	.003194	.000829	.000736	.000757
6	.000558	.000081	.001424	.000100	.000168	.000206	.001140	.001726	.015809	.000629
7	.023676	.000027	.015679	.000000	.000000	.001886	.002392	.001220	.008133	.000968
8	.002676	.000450	.004733	.000713	.000736	.001106	.002881	.002998	.005384	.001987
9	.000350	.000000	.000000	.000000	.000000	.000000	.000045	.000356	.000254	.000095
10	.000827	.000031	.000035	.000036	.000563	.000066	.002248	.005761	.002929	.052338
11	.395182	.003770	.015117	.006488	.004828	.015317	.006812	.003665	.012301	.011062
12	.119994	.062506	.149992	.051429	.014501	.014501	.024820	.009151	.011273	.003459
13	.005570	.000549	.094644	.016550	.001183	.008017	.006486	.004037	.015061	.007722
14	.000000	.000000	.000028	.382034	.444725	.000028	.000358	.002896	.002950	.004357
15	.000022	.000000	.016986	.000000	.230851	.000840	.237399	.122084	.052192	.075628
16	.007518	.000026	.003223	.014433	.010916	.376629	.079303	.020397	.093964	.026167
17	.004357	.002665	.001677	.000014	.000820	.001177	.043434	.014638	.015045	.009564
18	.005014	.002246	.013799	.002208	.007909	.004996	.002839	.265136	.024359	.065057
19	.003748	.001397	.001907	.001395	.001625	.002853	.000562	.049399	.221578	.032891
20	.000744	.000528	.003506	.000850	.001633	.000617	.002762	.001865	.001051	.242960
21	.000003	.000006	.000053	.000148	.000123	.000003	.000000	.000000	.000001	.008279
22	.000068	.000011	.000070	.000011	.000019	.000021	.000032	.005251	.002365	.003578
23	.012457	.002164	.000355	.000000	.000009	.000249	.001973	.005944	.037494	.016076
24	.004723	.001261	.004476	.001369	.002495	.004321	.003461	.001367	.004809	.001544
25	.051159	.005107	.054822	.062485	.027426	.069101	.025383	.013006	.016077	.013556
26	.032255	.005328	.044197	.021736	.017984	.021894	.045891	.058537	.053390	.051064
27	.031645	.014205	.027297	.015492	.018087	.032138	.018400	.022422	.030219	.031453
28	.005559	.002170	.005671	.001562	.002122	.001057	.005208	.002355	.004986	.001432
29	.018500	.009918	.053426	.016407	.010603	.015964	.019609	.017146	.013126	.012690
30	.009334	.003707	.006189	.003036	.003379	.004107	.008171	.004733	.015152	.004252
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.003217	.000846	.001616	.001510	.002116	.001811	.002080	.002981	.004340	.001157
33	.027952	.002321	.008065	.001790	.003384	.004797	.007905	.020274	.049384	.011068
34	.002626	.000428	.002672	.000424	.000681	.001123	.001296	.003048	.006114	.001719
35	.005416	.000173	.014417	.000222	.003248	.005445	.006513	.001323	.006763	.000000
36	.025341	.009577	.011936	.006374	.023159	.013305	.029417	.028320	.035220	.010204
37	.823778	.833307	.651385	.798072	.877260	.759247	.595035	.688608	.759013	.697192
38	.176222	.166693	.348615	.201928	.122740	.240753	.404965	.311392	.240987	.302808
39	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

	21	22	23	24	25	26	27	28	29	30
1	.000000	.000000	.008277	-.001073	.000000	.000000	.000000	.000000	-.000024	.000000
2	.000034	.000000	.000983	-.016964	.132345	.000000	.000002	.000000	.000022	.000023
3	.000000	.000000	.001513	.000000	.000000	.000507	.000000	.000000	.000099	.000000
4	.004894	.006153	.012477	-.008631	.000751	.002684	.000309	.000027	.004768	.002941
5	.004219	.001357	.037772	-.057433	.000023	.001485	.000000	.000000	.000100	.000000
6	.002297	.000534	.001691	-.017491	.001172	.001270	.001110	.000088	.000912	.002167
7	.000267	.002006	.023938	.002120	.000239	.008795	.000390	.000000	.000983	.001378
8	.002025	.005354	.002946	.001077	.002000	.003787	.007705	.000143	.002236	.011964
9	.000217	.018679	.006147	.000000	.000082	.000048	.000000	.000000	.000006	.000003
10	.010673	.002452	.000398	.000145	.000372	.000000	.000000	.000000	.000358	.000260
11	.014494	.003009	.209031	-.004525	.004534	.000004	.000000	.000001	.000312	.001519
12	.007775	.009001	.019445	.019164	.221294	.022913	.001512	.001759	.101867	.003580
13	.002584	.010051	.007475	.082602	.000636	.000887	.000000	.000000	.000046	.000000
14	-.002612	-.001912	.000000	-.000138	.000000	.000000	.000000	.000000	.000000	.000000
15	.096693	.050890	.005979	-.032882	.000018	.000000	.000000	.000000	.000017	.000000
16	.019602	.063864	.014468	-.010151	.000230	.000000	.000000	.000000	.000001	.000000
17	.019307	.000955	.004325	-.070883	.000427	.005645	.000000	.000000	.000841	.000012
18	.103275	.036155	.003665	-.013144	.001531	.000283	.000708	.000024	.000779	.000621
19	.026942	.012000	.001442	-.010158	.006723	.000202	.000291	.000000	.000227	.004080
20	.001404	.002923	.004340	.007245	.006063	.012066	.000747	.000811	.029859	.001604
21	.096530	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.041438	.000000
22	.003979	.168528	.000040	.000276	.000673	.001877	.000045	.000002	.000094	.000054
23	.016390	.027038	.102459	.010773	.000243	.002153	.002392	.002157	.000204	.000757
24	.002521	.002605	.001868	.001160	.019651	.004932	.055678	.057349	.008103	.002497
25	.009285	.014112	.021060	.009404	.019376	.012180	.005087	.007053	.025428	.007187
26	.054937	.054439	.063582	.056609	.009398	.029229	.003304	.001255	.014753	.005820
27	.034804	.037155	.009336	-.013171	.029854	.055983	.016365	.005689	.037564	.009310
28	.001932	.002906	.003673	.005646	.004996	.033713	.014888	.000000	.012365	.014467
29	.013427	.013447	.014615	.020966	.011780	.019179	.004645	.000510	.117361	.021468
30	.003024	.007895	.009432	.004555	.003215	.018593	.013462	.000023	.006156	.012357
31	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
32	.001696	.002393	.001781	.001498	.001493	.001056	.001197	.002167	.005435	.012529
33	.005046	.034875	.013867	-.018634	.009408	.038454	.029683	.011095	.012646	.007387
34	.001492	.004564	.001567	.000685	.001305	.002898	.001922	.000084	.001999	.003568
35	.001505	.007171	.027613	.000000	.000000	.001846	.000000	.000000	.000732	.000071
36	.028291	.054162	.029286	.021744	.020206	.003319	.025276	.000014	.014756	.007100
37	.589447	.654762	.666491	.520671	.510037	.285989	.186718	.090251	.442491	.134722
38	.410553	.345238	.333509	.479329	.489963	.714011	.813282	.909749	.557509	.865278
39	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

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36	.028291	.054166	.029286	.021744	.020206	.003319	.025276	.000014	.014756	.000071
37	.589447	.654762	.666491	.520671	.510037	.285989	.186718	.090251	.442491	.134722
38	.410553	.345238	.333509	.479329	.489963	.714011	.813282	.909749	.557509	.865278
39	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

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	31	32	33	34	35	36
1	.000000	.005231	.025101	.000000	.000000	.035159
2	.000163	.000202	.000029	.000000	.000000	.041555
3	.000000	.010029	.070438	.000000	.000000	.009502
4	.004972	.002211	.001824	.009235	.017194	.024225
5	.000015	.000004	.001475	.000000	.086890	.001954
6	.003048	.005228	.003204	.000000	.000000	.009598
7	.002705	.001816	.005300	.444757	.401104	.031042
8	.013537	.013983	.035535	.000000	.019071	.046014
9	.000243	.000000	.000029	.000000	.000000	.001682
10	.001669	.000684	.000572	.004566	.000268	.004588
11	.002348	.072495	.005717	.063470	.000288	.021472
12	.021006	.008804	.014160	.000000	.000000	.065218
13	.000091	.001479	.002952	.000954	.000000	.014608
14	-.000256	.000000	.000002	.000000	.000000	.018428
15	.000309	.000000	.000030	.000000	.001856	.003984
16	-.000046	.003794	.000007	.000000	.000000	.008477
17	.001270	.000621	.001894	.002190	.002713	.022047
18	.006744	.001593	.002664	.029812	.002202	.015436
19	.001537	.000424	.003072	.000000	.000000	.009126
20	.006343	.001810	.005571	.000000	.000000	.060342
21	.022159	.000010	.000147	.000000	.000000	.005158
22	.000151	.002570	.000618	.000000	.000000	.002615
23	.001434	.002143	.005070	.123529	.105715	.023986
24	.011981	.007135	.005129	.000000	.002340	.002449
25	.022197	.024196	.031477	.000000	.006500	.057470
26	.011376	.031781	.046438	.305586	.094664	.152850
27	.076031	.009122	.016921	.000000	.000086	.033952
28	.003265	.003222	.015997	.000000	.007653	.017742
29	.038116	.009146	.012020	.032301	.019173	.061761
30	.008693	.005267	.010922	.000000	.000000	.008777
31	.000000	.000000	.000000	.000000	.000000	-.009274
32	.001173	.001179	.002590	.000000	.000001	.023462
33	.018702	.016652	.062276	.000000	.004711	.047662
34	.002364	.001661	.001398	.000000	.000393	.004424
35	.000181	.000000	.000026	.000000	.000000	.000093
36	.035647	.023958	.022067	.000359	.000306	.000000
37	.319178	.268450	.412675	1.016759	.773139	.877581
38	.680822	.731550	.587325	-.016759	.226861	.122419
39	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

Table 8. Import coefficients

8-1 Import coefficients, 1970

M / (A * X + FD)		M / (A * X + FD)	
***	RI01970 (89/02/02)	***	RI01975 (89/02/02)
	1		1
1	.173885	1	.183420
2	.846900	2	.882700
3	.066852	3	.068109
4	.031013	4	.056514
5	.056625	5	.065303
6	.002707	6	.009690
7	.025621	7	.026774
8	.010690	8	.009079
9	.062893	9	.101981
10	.006846	10	.029120
11	.055010	11	.051877
12	.108070	12	.090121
13	.007043	13	.010182
14	.037521	14	.014408
15	.031399	15	.031751
16	.140875	16	.201445
17	.009746	17	.011083
18	.046181	18	.041730
19	.031975	19	.042488
20	.008337	20	.012371
21	.061102	21	.103909
22	.149271	22	.195846
23	.048148	23	.047568
24	.000000	24	.000000
25	.000105	25	.000051
26	.008099	26	.009351
27	.009401	27	.008406
28	.008300	28	.000000
29	.057888	29	.100426
30	.003144	30	.004167
31	.000000	31	.000000
32	.000000	32	.000000
33	.009366	33	.014077
34	.000000	34	.000000
35	.000000	35	.000000
36	.075299	36	.122436

Table 9. Inverse matrix

9-1 Inverse matrix, 1970

INVERSE MATRIX OF (I - (I - M_{BAR}) * A)

33 .009388
 34 .000000
 35 .000000
 36 .075299

33 .014077
 34 .000000
 35 .000000
 36 .122436

Table 9. Inverse matrix
 9-1 Inverse matrix, 1970

INVERSE MATRIX OF (I - (I - M)A)

*** RI01970 (89/02/02)

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	1	2	3	4	5	6	7	8	9	10
1	1.173058	.009930	.484814	.144779	.517761	.158052	.083675	.017996	.125052	.072885
2	.007158	1.018987	.007949	.011329	.006905	.009186	.013837	.004637	.007012	.014030
3	.077863	.002616	1.190310	.020591	.038570	.015321	.010653	.005240	.255415	.012190
4	.019318	.008417	.012718	1.507269	.013604	.045997	.013542	.011398	.093423	.101238
5	.006298	.005723	.010820	.013254	1.121527	.323564	.103374	.018888	.009651	.009997
6	.000968	.002022	.001447	.003831	.001564	1.012933	.003285	.001707	.001827	.001995
7	.022170	.012185	.038043	.061338	.028617	.050543	1.615550	.259032	.030195	.052098
8	.007005	.011962	.016895	.030178	.011200	.021352	.157367	1.169489	.016973	.017887
9	.000274	.000246	.000281	.012636	.000241	.000877	.000415	.000545	1.119912	.001254
10	.001832	.009141	.001937	.010261	.001938	.006902	.002770	.001874	.009395	1.064416
11	.070155	.030442	.054873	.221841	.066847	.078192	.091073	.051877	.074879	.342554
12	.056718	.147024	.058677	.082766	.052257	.061565	.094805	.031303	.050357	.102995
13	.006724	.004126	.018288	.005413	.005139	.011052	.005414	.002580	.008260	.011081
14	.005261	.020044	.008253	.010046	.008152	.055674	.007886	.004021	.013483	.015419
15	.007701	.029632	.012042	.014658	.011901	.079838	.011476	.005856	.019642	.022344
16	.003067	.008848	.005906	.007551	.004474	.015345	.005776	.008754	.007503	.009054
17	.005376	.018507	.015472	.015117	.009014	.051749	.007819	.003288	.032122	.021147
18	.009311	.022040	.009288	.013484	.010465	.011526	.011141	.006035	.007112	.013961
19	.002068	.011417	.002587	.005572	.002609	.005231	.004008	.003234	.003687	.004520
20	.006134	.065435	.009673	.014517	.011611	.013830	.013920	.006744	.017790	.011737
21	.005292	.002025	.003519	.002689	.004074	.002490	.002569	.001411	.001783	.002002
22	.000304	.000377	.000494	.000800	.000440	.000714	.000735	.000446	.000647	.000573
23	.007412	.006128	.013544	.021854	.007752	.045056	.009942	.012201	.060782	.055661
24	.013210	.015232	.013046	.016114	.011714	.016017	.014498	.009370	.016676	.013680
25	.012243	.044067	.024265	.050081	.025942	.037455	.080217	.026118	.027285	.050395
26	.032524	.045443	.072823	.110625	.054819	.120793	.075909	.050492	.100359	.073083
27	.028178	.038579	.034043	.070333	.034135	.038931	.056494	.033465	.034154	.061931
28	.003344	.007354	.007047	.009682	.004960	.009400	.010102	.007037	.007868	.008852
29	.022749	.033626	.040423	.050782	.052059	.044578	.052638	.031595	.030307	.040947
30	.003127	.007778	.007357	.014412	.007082	.013669	.009604	.005741	.008640	.008581
31	-.000083	-.000182	-.000140	-.000253	-.000096	-.000201	-.000299	-.000151	-.000242	-.000139
32	.001074	.002486	.002632	.004773	.001627	.003571	.003288	.001392	.003575	.003943
33	.008788	.015130	.036086	.034093	.018089	.032742	.029577	.034494	.025538	.026534
34	.003177	.006967	.004164	.007125	.002593	.006893	.010608	.006991	.003067	.004747
35	.004754	.001329	.017253	.045573	.004839	.023993	.023202	.008213	.013015	.020281
36	.020509	.045092	.034714	.062608	.023847	.049700	.073958	.037292	.060032	.034328

Note: Inverse matrix is of the type [I-(I-M)A]⁻¹

	11	12	13	14	15	16	17	18	19	20
1	.031075	.003132	.012612	.004531	.008878	.009744	.010334	.011210	.024798	.014986
2	.041732	.121455	.038452	.052936	.041779	.041007	.019704	.016608	.020571	.012640
3	.030759	.001138	.003594	.001933	.003182	.003526	.003318	.005887	.012810	.005242
4	.012537	.002765	.010390	.004369	.008638	.010646	.011668	.010258	.020041	.016916
5	.014544	.001773	.016399	.003199	.008650	.009896	.011719	.009766	.024011	.010588
6	.004155	.001001	.002470	.001520	.002672	.002381	.002298	.006310	.027218	.004166
7	.109827	.005095	.065316	.010206	.017277	.029772	.025766	.026695	.070922	.025548
8	.032137	.005141	.020453	.009056	.016191	.015100	.017731	.021802	.043204	.018199
9	.000828	.000103	.000255	.000154	.000317	.000296	.000343	.001213	.001626	.000838
10	.005241	.001522	.002185	.002176	.003989	.002232	.006196	.017856	.012932	.083506
11	1.710897	.011830	.043339	.026091	.034665	.051572	.033649	.038988	.095933	.069102
12	.309169	1.064017	.142514	.260918	.230634	.084738	.114219	.098443	.106980	.072657
13	.014580	.001696	1.105655	.033548	.025523	.018375	.020535	.016313	.043317	.018013
14	.012970	.004441	.024441	1.643984	.972419	.010652	.268648	.198935	.115259	.116261
15	.018942	.006509	.035303	.008708	1.384081	.015351	.390155	.294357	.174987	.181565
16	.024551	.002204	.010278	.034585	.043323	1.448970	.037683	.069202	.216416	.072265
17	.015654	.004693	.006844	.003947	.007437	.007031	1.057049	.030840	.035007	.022300
18	.022205	.005939	.021761	.010066	.028762	.015490	.014478	1.320086	.056894	.114654
19	.012495	.002983	.005525	.006087	.009093	.008966	.005368	.081297	1.285371	.060477
20	.016511	.009949	.016381	.011614	.014467	.013031	.013740	.016572	.020083	1.258793
21	.002629	.000719	.003161	.002526	.002720	.001890	.002044	.002231	.002692	.002473
22	.000999	.000258	.000691	.000528	.000893	.000696	.000697	.009240	.006112	.008305
23	.029213	.002987	.007934	.003077	.005133	.006756	.007960	.019667	.080065	.037480
24	.022510	.004824	.015048	.010450	.013800	.013826	.013739	.014211	.022813	.012806
25	.105584	.011730	.061916	.090337	.090814	.087916	.053102	.050905	.069509	.048800
26	.083411	.015566	.071252	.067276	.091028	.062376	.091922	.136678	.173400	.111403
27	.081493	.017855	.051547	.029039	.042972	.066557	.046739	.062842	.094673	.053307
28	.015216	.003192	.010242	.006750	.009733	.008430	.010150	.011855	.019289	.009735
29	.057480	.014989	.069229	.053934	.055000	.043005	.045010	.050117	.058874	.038891
30	.018112	.003585	.010106	.008276	.013038	.010270	.013010	.013837	.029804	.012635
31	-.000329	-.000104	-.000155	-.000132	-.000329	-.000259	-.000245	-.000181	-.000358	-.000153
32	.008161	.001445	.003551	.003724	.006144	.003783	.004287	.005284	.007049	.004784
33	.066585	.006246	.019735	.012257	.019333	.020790	.020950	.047944	.105863	.033690
34	.009667	.002030	.007347	.002159	.003769	.006172	.004793	.011100	.019363	.006280
35	.016484	.000921	.024131	.002456	.005199	.014530	.012027	.006729	.018700	.006244
36	.081402	.025641	.038308	.032759	.081510	.064038	.060734	.044722	.088649	.037882

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	21	22	23	24	25	26	27	28	29	30
1	.015804	-.018950	-.061899	-.048643	-.004439	-.008061	-.007026	-.003775	-.005264	-.007672
2	.012196	-.014628	-.017597	-.014943	-.043719	-.006035	-.002167	-.001668	-.014725	-.003442
3	.004348	-.016142	-.016415	-.006954	-.002087	-.004872	-.003811	-.001101	-.002529	-.003166
4	.012676	-.022012	-.032642	-.021728	-.004172	-.006215	-.003861	-.001689	-.011272	-.013361
5	.022159	-.013315	-.060642	-.090304	-.004130	-.008301	-.008341	-.006109	-.004172	-.004620
6	.005461	-.004749	-.003100	-.017111	-.002537	-.001944	-.002226	-.001243	-.002165	-.005157
7	.018575	-.040717	-.121129	-.024645	-.007946	-.027110	-.009096	-.002347	-.009502	-.022496
8	.013763	-.032650	-.031572	-.014268	-.008946	-.015487	-.016325	-.001924	-.008736	-.034798
9	.001675	-.036748	-.005411	-.000412	-.000153	-.000277	-.000121	-.000047	-.000265	-.000818
10	.020717	-.007393	-.003710	-.003309	-.001787	-.003594	-.000665	-.000317	-.006408	-.002599
11	.055023	-.050097	-.435489	-.035181	-.012148	-.009153	-.006749	-.003704	-.011901	-.013375
12	.072121	-.079195	-.123948	-.072011	-.235725	-.045733	-.012293	-.009358	-.119819	-.023377
13	.011056	-.028865	-.014332	-.103828	-.004490	-.004563	-.008797	-.006839	-.003446	-.002784
14	.141736	-.107103	-.018481	-.065826	-.006223	-.008774	-.006450	-.004506	-.014595	-.005863
15	.211035	-.160238	-.026637	-.095085	-.009180	-.013216	-.009320	-.006518	-.022101	-.008367
16	.052288	-.126644	-.029858	-.029156	-.004319	-.005093	-.003076	-.002082	-.007366	-.003251
17	.029056	-.010579	-.013553	-.079521	-.004827	-.010335	-.007052	-.005298	-.005744	-.003486
18	.133170	-.080059	-.014123	-.028671	-.006872	-.006323	-.003861	-.002099	-.014006	-.003287
19	.039412	-.026322	-.006603	-.020712	-.012030	-.006012	-.002576	-.001550	-.006584	-.005417
20	.011187	-.016750	-.014944	-.022218	-.014182	-.047788	-.004027	-.002451	-.072730	-.007456
21	1.107241	-.002313	-.002280	-.002425	-.000885	-.001422	-.000536	-.000210	-.044044	-.001553
22	.006550	1.190658	-.000838	-.001059	-.001122	-.002719	-.000259	-.000098	-.000968	-.000691
23	.022668	-.054042	1.099582	-.017486	-.003419	-.004948	-.005609	-.003879	-.005142	-.005696
24	.015850	-.018706	-.013786	1.009963	-.027207	-.017289	-.081119	-.065583	-.015375	-.007673
25	.037928	-.052674	-.057217	-.030131	1.022018	-.025517	-.011073	-.011217	-.029542	-.019010
26	.099306	-.155517	-.101153	-.090181	-.017864	1.035507	-.015843	-.007488	-.025838	-.031534
27	.073048	-.070330	-.054492	-.038965	-.021948	-.079548	1.016926	-.015219	-.040270	-.024133
28	.007875	-.012940	-.011286	-.009159	-.006279	-.034575	-.017299	1.000986	-.011389	-.011048
29	.036647	-.051740	-.047418	-.052556	-.019745	-.032534	-.011397	-.004493	1.086952	-.034565
30	.009850	-.017610	-.016445	-.010978	-.005118	-.018753	-.013356	-.001039	-.007860	1.017378
31	-.000152	-.000206	-.000325	-.000150	-.000115	-.000068	-.000085	-.000017	-.000076	-.000484
32	.004613	-.005944	-.005233	-.003332	-.002510	-.001749	-.001414	-.000296	-.003618	-.017330
33	.022635	-.068883	-.039663	-.032922	-.017009	-.042897	-.037039	-.008967	-.021536	-.019804
34	.005460	-.013344	-.011067	-.005700	-.002132	-.005266	-.002447	-.000484	-.004070	-.005630
35	.004405	-.016176	-.046706	-.006060	-.001007	-.004188	-.001018	-.000551	-.002049	-.001843
36	.037563	-.050937	-.080454	-.037036	-.028379	-.016866	-.021153	-.004129	-.018830	-.119899

	31	32	33	34	35	36
1	.007442	.016743	.062406	.036897	.084841	.038666
2	.005262	.005311	.004927	.010597	.010630	.010210
3	.004036	.015797	.095224	.008519	.011256	.011323
4	.013669	.008029	.008985	.025345	.045091	.064545
5	.005027	.006443	.007207	.038709	.130678	.016877
6	.002365	.007217	.004067	.003278	.002900	.015713
7	.018617	.020229	.032425	.452053	.708090	.081119
8	.023676	.028609	.073993	.058853	.107333	.101303
9	.000896	.000297	.000331	.001139	.001297	.002685
10	.004602	.002283	.002400	.008476	.003167	.008948
11	.021460	.084278	.025666	.137978	.108413	.046561
12	.037556	.036419	.034443	.075069	.073516	.059749
13	.004145	.006444	.005464	.007247	.005895	.015073
14	.011519	.005273	.006105	.012546	.011650	.035246
15	.017783	.007663	.008892	.018287	.016832	.049259
16	.006105	.007312	.003838	.009445	.008414	.014445
17	.006836	.004641	.006678	.014993	.009564	.019422
18	.019581	.005596	.007482	.011420	.009237	.013741
19	.009494	.003096	.005235	.005655	.004140	.011342
20	.012897	.009546	.009054	.027300	.015379	.016166
21	.033453	.000978	.001824	.003008	.003208	.002882
22	.001032	.002225	.001143	.001671	.000873	.003905
23	.006662	.006737	.009085	.131829	.148366	.020439
24	.021016	.014515	.013722	.014462	.012530	.017157
25	.022245	.029711	.032593	.043966	.056099	.027867
26	.032305	.058352	.064134	.439202	.135119	.158982
27	.082141	.021637	.026322	.062940	.047116	.103887
28	.008879	.006592	.013981	.018055	.018618	.001363
29	.052132	.018764	.021921	.067188	.068327	.044087
30	.013077	.005901	.011145	.013240	.009253	.011094
31	.999762	-.000208	-.000197	-.000443	-.000359	-.004130
32	.008563	1.004385	.001803	.003894	.003356	.019399
33	.032395	.019955	1.077653	.034818	.032348	.045676
34	.007296	.002697	.005733	1.006765	.007557	.003423
35	.001974	.002311	.003242	.014490	1.017944	.007958
36	.058876	.051617	.048718	.109659	.088864	1.022551

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9-2 Inverse matrix, 1975

INVERSE MATRIX OF (I - (I - M \bar{B}) * A)

9-2 Inverse matrix, 1975

INVERSE MATRIX OF (I - (I - M_{BAR}) * A)

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	1	2	3	4	5	6	7	8	9	10
1	1.143795	.007737	-.395740	-.099877	-.472290	-.099966	-.062404	-.017008	-.108670	-.068250
2	.006090	1.016921	-.005750	-.006459	-.005282	-.006853	-.009240	-.004123	-.005002	-.010017
3	-.088932	-.002848	1.157990	-.016915	-.039777	-.012254	-.010630	-.007222	-.258397	-.012437
4	-.016654	-.006586	-.009914	1.432215	-.011759	-.034404	-.007932	-.009440	-.080585	-.094144
5	-.005196	-.004339	-.010185	-.011332	1.121376	-.221785	-.106742	-.022882	-.008354	-.009316
6	-.001064	-.002032	-.001801	-.002415	-.001573	1.032230	-.002395	-.002328	-.001597	-.002300
7	-.024652	-.009966	-.044952	-.052356	-.031448	-.050681	1.646205	-.317046	-.029290	-.047636
8	-.005748	-.008399	-.012945	-.019469	-.009088	-.015168	-.148761	1.216364	-.012153	-.014769
9	-.000281	-.000216	-.000295	-.012523	-.000259	-.000826	-.000342	-.000705	1.113723	-.001432
10	-.001706	-.008124	-.001578	-.006775	-.001630	-.004901	-.001795	-.001448	-.006737	1.064764
11	-.079214	-.026077	-.053291	-.170694	-.062785	-.071468	-.077922	-.060740	-.066352	-.346450
12	-.065805	-.183523	-.055598	-.061748	-.052703	-.061174	-.078580	-.036011	-.046356	-.097409
13	-.006393	-.004076	-.016528	-.004607	-.004736	-.012688	-.004336	-.002797	-.007232	-.012909
14	-.006064	-.019922	-.008707	-.007798	-.007463	-.037548	-.006338	-.003725	-.010794	-.013074
15	-.008280	-.028116	-.011168	-.009783	-.009990	-.051878	-.007432	-.004760	-.013393	-.017092
16	-.003442	-.008987	-.005860	-.005753	-.004652	-.013939	-.004545	-.008819	-.006818	-.008334
17	-.007911	-.019233	-.018801	-.014345	-.011516	-.052604	-.007496	-.003629	-.027869	-.018807
18	-.015286	-.022807	-.013288	-.012805	-.012980	-.011592	-.011930	-.008216	-.008105	-.015094
19	-.002985	-.012297	-.003002	-.005005	-.003050	-.004982	-.003924	-.004152	-.003568	-.004999
20	-.010844	-.105323	-.011461	-.012748	-.015082	-.014808	-.013117	-.009803	-.014362	-.012744
21	-.007899	-.003187	-.004039	-.002400	-.004813	-.002501	-.002426	-.001603	-.002164	-.002509
22	-.000333	-.000817	-.000460	-.000598	-.000456	-.000606	-.000601	-.000476	-.000520	-.000546
23	-.010126	-.006546	-.016503	-.020554	-.011547	-.047881	-.009011	-.015207	-.073303	-.064943
24	-.011895	-.011204	-.010822	-.015336	-.009677	-.014750	-.014568	-.010211	-.008996	-.012870
25	-.016657	-.047787	-.027988	-.045029	-.032272	-.040880	-.098572	-.039574	-.030341	-.055390
26	-.049813	-.077014	-.093474	-.105267	-.089332	-.133987	-.084350	-.074216	-.116405	-.095006
27	-.035235	-.062523	-.035711	-.099093	-.040088	-.048197	-.033822	-.053068	-.032767	-.075476
28	-.004896	-.013108	-.008873	-.011353	-.009073	-.013447	-.013649	-.011072	-.011228	-.012336
29	-.025321	-.049314	-.035195	-.037368	-.044504	-.038596	-.042502	-.032645	-.028122	-.043934
30	-.005092	-.011249	-.008232	-.015614	-.013001	-.017702	-.011694	-.009427	-.010584	-.011946
31	-.000138	-.000334	-.000325	-.000349	-.000202	-.000395	-.000410	-.000162	-.000486	-.000396
32	-.001447	-.003288	-.003333	-.005208	-.002241	-.004155	-.004465	-.003217	-.004491	-.005424
33	-.010654	-.019609	-.028872	-.035508	-.023078	-.037776	-.037836	-.061294	-.026463	-.033238
34	-.001404	-.002547	-.002044	-.006585	-.003099	-.004134	-.005887	-.004375	-.002268	-.003560
35	-.005379	-.001536	-.022100	-.044184	-.005126	-.016882	-.018973	-.008229	-.013156	-.018763
36	-.014863	-.036026	-.034999	-.037635	-.021754	-.042550	-.044157	-.017509	-.052431	-.042648

	11	12	13	14	15	16	17	18	19	20
1	.021344	.002438	.007857	.003005	.006090	.006061	.007717	.008821	.015053	.011414
2	.023450	.089443	.031693	.042752	.032909	.033128	.015043	.010582	.011164	.008973
3	.024522	.001121	.003293	.001779	.002900	.002649	.003282	.005565	.009346	.005058
4	.007092	.001526	.007265	.002608	.004488	.005719	.008192	.007510	.011352	.014267
5	.010367	.001097	.009981	.002051	.005948	.006287	.008561	.006746	.014640	.006774
6	.002851	.000594	.002791	.001181	.001764	.001490	.002631	.005249	.022648	.003445
7	.032767	.003608	.048997	.007721	.013392	.018326	.021122	.022636	.049524	.021455
8	.020556	.002825	.014959	.005550	.008594	.007723	.011494	.014862	.022895	.012150
9	.000934	.000076	.000193	.000111	.000190	.000167	.000280	.000930	.001019	.000720
10	.002849	.001018	.001491	.001592	.002650	.001137	.004031	.009858	.005783	.073247
11	1.623050	.010943	.036675	.024590	.030000	.041568	.029009	.030483	.062276	.067419
12	.232749	1.082557	.159909	.278187	.243529	.064781	.109742	.079538	.072954	.066020
13	.014294	.001748	1.106515	.031404	.021622	.015272	.015701	.014049	.028433	.018814
14	.009022	.003812	.024020	1.608573	.921041	.006595	.232805	.157579	.070887	.105999
15	.011078	.005026	.033670	.006043	1.308693	.008474	.328737	.231529	.107333	.163674
16	.019034	.001987	.008278	.029028	.035141	1.433416	.105498	.050841	.146455	.057358
17	.013066	.005441	.006176	.003749	.005891	.005368	1.049350	.026253	.026986	.020837
18	.016850	.006022	.024778	.009353	.021491	.013248	.013008	1.351464	.048516	.120543
19	.011832	.003608	.006807	.006233	.008770	.008322	.005449	.084709	1.276342	.063239
20	.013569	.011764	.015441	.011450	.014897	.010116	.014037	.014328	.013894	1.325110
21	.002425	.000888	.003266	.002032	.002428	.001613	.002127	.002237	.002150	.012572
22	.000687	.000179	.000548	.000367	.000555	.000410	.000514	.007284	.003592	.005556
23	.028093	.003971	.006281	.003184	.004944	.004652	.007311	.017671	.059556	.034281
24	.017801	.004093	.012427	.010050	.013222	.013813	.012056	.010775	.016438	.011587
25	.104659	.012571	.078227	.115514	.110759	.112398	.070532	.053819	.060748	.052396
26	.086060	.017169	.072694	.052384	.067392	.050231	.083237	.119177	.117123	.112101
27	.077180	.023732	.051648	.044319	.059512	.062266	.049762	.061155	.071918	.074943
28	.018142	.004809	.013221	.008164	.011220	.007115	.013448	.013114	.017375	.011497
29	.047306	.017053	.071634	.039002	.043371	.033381	.041148	.043226	.039952	.037879
30	.022305	.005977	.012294	.009695	.013555	.010279	.015926	.015463	.028782	.014782
31	-.000467	-.000129	-.000211	-.000178	-.000397	-.000239	-.000410	-.000479	-.000541	-.000306
32	.008206	.001740	.003889	.004149	.006604	.004329	.005641	.007729	.009496	.005028
33	.063594	.007041	.021938	.012853	.020053	.018011	.023232	.049141	.086537	.037450
34	.006040	.000951	.004324	.001802	.002679	.002733	.003044	.006347	.010115	.004739
35	.011973	.000661	.017711	.001709	.006001	.009121	.010019	.005547	.014138	.005043
36	.050363	.013718	.022800	.019160	.042759	.025823	.044259	.051650	.058381	.033006

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	21	22	23	24	25	26	27	28	29	30
1	.009745	.013466	.041851	.034063	.003721	.005641	.005431	.002795	.004480	.002346
2	.008652	.008631	.010860	.010818	.035608	.003462	.001675	.001125	.011671	.001307
3	.004089	.011844	.014475	.006096	.002112	.004798	.003593	.001391	.002724	.001436
4	.012867	.017067	.024941	.016432	.003187	.005345	.002836	.001181	.009760	.005131
5	.010406	.008790	.055571	.067956	.002903	.004900	.005212	.004184	.002996	.001854
6	.004952	.002881	.003701	.019439	.002387	.002127	.002803	.001317	.002176	.002755
7	.018236	.031531	.092032	.019612	.006870	.022903	.009190	.001969	.010038	.011021
8	.011279	.019682	.020508	.009186	.006333	.010504	.013737	.001510	.007734	.016869
9	.000798	.022191	.007359	.000360	.000209	.000194	.000120	.000043	.000205	.000098
10	.014472	.005098	.002438	.002084	.001604	.001295	.000564	.000228	.003921	.000714
11	.050070	.035649	.373195	.028226	.014210	.006858	.006346	.003173	.011147	.007950
12	.066255	.058329	.099830	.067658	.234098	.035513	.012566	.008251	.129462	.012050
13	.010486	.019103	.014937	.094846	.004249	.003073	.006352	.005648	.003241	.001046
14	.120354	.064181	.014186	.055011	.005187	.004484	.004974	.003426	.011260	.001731
15	.177150	.094053	.018491	.077605	.006615	.006252	.006080	.004818	.015952	.002190
16	.042518	.094030	.025902	.025145	.003567	.002454	.002418	.001647	.005076	.001463
17	.029209	.007833	.011860	.078547	.004923	.008143	.005687	.004721	.005514	.001274
18	.153686	.061864	.013827	.025029	.006461	.003812	.003880	.001790	.013712	.002429
19	.048119	.024134	.007271	.016686	.010875	.002254	.002325	.001205	.005964	.005844
20	.011851	.016281	.017155	.018788	.015524	.019441	.005206	.002555	.048393	.004614
21	1.096521	.002029	.002265	.002228	.001123	.001270	.000659	.000201	.046347	.001108
22	.005328	1.157652	.000641	.000812	.000895	.001995	.000240	.000082	.000697	.000195
23	.027973	.042591	1.122273	.017183	.003672	.005157	.005354	.003538	.004970	.002752
24	.011294	.011966	.011397	1.008062	.024375	.012390	.059126	.058535	.015275	.005241
25	.042588	.048061	.063543	.036540	1.028724	.020332	.012176	.010256	.038499	.011795
26	.103256	.107040	.118072	.093511	.025090	1.042193	.018167	.008288	.035307	.013934
27	.067845	.071267	.047429	.038451	.042440	.066066	1.023368	.009029	.056109	.014700
28	.011022	.013076	.015101	.013667	.008918	.038316	.018012	1.001322	.018088	.016423
29	.034611	.035448	.040117	.041488	.020874	.025247	.011010	.003596	1.126711	.024842
30	.011796	.0017292	.020570	.011865	.006799	.022089	.015812	.001136	.010681	1.013892
31	-.000430	-.000658	-.000448	-.000307	-.000234	-.000083	-.000247	-.000026	-.000211	-.000085
32	.005430	.006551	.005833	.004083	.002957	.002283	.002534	.002520	.007583	.013337
33	.026687	.061760	.042566	.034474	.017514	.047956	.037333	.014384	.023481	.012024
34	.003956	.007388	.004467	.002515	.002105	.003682	.002511	.000314	.003176	.004020
35	.005561	.012560	.036050	.004491	.000780	.002850	.000745	.000394	.001939	.000698
36	.046353	.070992	.048347	.033089	.025197	.008936	.026682	.002798	.022754	.009144

	31	32	33	34	35	36
1	.005740	.014095	.057418	.036523	.069975	.051355
2	.004463	.004443	.004490	.008547	.006265	.018368
3	.003419	.015405	.084708	.009690	.010223	.021606
4	.009979	.005671	.006216	.021845	.030833	.039408
5	.003964	.004024	.006526	.055301	.139825	.013807
6	.004482	.006322	.004602	.002544	.001875	.012045
7	.017108	.019243	.031348	.737024	.664335	.085019
8	.022614	.022303	.051068	.072166	.085743	.069997
9	.000474	.000251	.000258	.001278	.001142	.002436
10	.003301	.001575	.001842	.006816	.001751	.010814
11	.013641	.118956	.024763	.181721	.078967	.071405
12	.042119	.039787	.040709	.077949	.055253	.128154
13	.003530	.004707	.006958	.007320	.004702	.022313
14	.008100	.003895	.005255	.011311	.008222	.052669
15	.010904	.004498	.006519	.015945	.010795	.033946
16	.033744	.007486	.003432	.008833	.005921	.022170
17	.005614	.004154	.006421	.011298	.009401	.030526
18	.015721	.005746	.008306	.048207	.011177	.034899
19	.005673	.002951	.006490	.006632	.003357	.020006
20	.015310	.007773	.014107	.016455	.011486	.091540
21	.024002	.001059	.001722	.003300	.002596	.009475
22	.000587	.002682	.000986	.001220	.000587	.003595
23	.005866	.006886	.010417	.140341	.118940	.035434
24	.019566	.011444	.011604	.013454	.012610	.015047
25	.033261	.038745	.045563	.066145	.059212	.090714
26	.031604	.051267	.073202	.377178	.155173	.201453
27	.039347	.023670	.034194	.071263	.051669	.075637
28	.008529	.008048	.022534	.021481	.019859	.031644
29	.046961	.018617	.023870	.068290	.048000	.084818
30	.012340	.009377	.015848	.016504	.010656	.019923
31	.999635	-.000267	-.000268	-.000312	-.000251	-.009461
32	.003196	1.002939	.004339	.004339	.003129	.026739
33	.050369	.028674	1.078050	.042369	.033149	.076422
34	.003433	.002743	.002626	1.004912	.004054	.007222
35	.001449	.001948	.003085	.014761	1.012724	.005815
36	.039304	.028784	.028930	.033630	.027062	1.020162

Table 10. Final demand converters

10-1 Final demand converters, 1970

COMPOSITION RATIO OF FINAL DEMAND

Table 10. Final demand converters
 10-1 Final demand converters, 1970

COMPOSITION RATIO OF FINAL DEMAND

*** RI01970 (89/02/02)

DATE : 2/ 2/1989 PAGE = 9

	1	2	3	4	5	6	7	8
1	.011546	.045697	.000000	.000000	.004344	-.002237	.014172	.024200
2	.000000	.000176	.000000	.000000	.000000	.043495	.001275	.001177
3	.074607	.164309	.000000	.000000	.000000	.041183	.019707	.083472
4	.018834	.048516	.000000	.001287	.001761	.061387	.070722	.031572
5	.001623	.000872	.000000	.000488	.000667	-.000304	.007221	.001260
6	.019209	.004251	.000000	.010129	.010136	.026614	.001429	.006522
7	.002309	.000337	.000000	.000000	.000000	.027364	.009098	.001653
8	.006055	.011047	.000000	.000000	.000000	.006944	.002451	.005841
9	.000000	.002606	.000000	.000000	.000000	.002419	.003496	.001586
10	.001083	.003279	.000000	.000000	.000000	.005734	.017996	.003238
11	.014710	.010638	.000000	.000000	.000000	.078743	.067972	.013108
12	.009833	.012642	.000000	.000000	.000000	.062155	.020297	.009495
13	.011364	.002164	.000000	.000000	.000000	.026109	.020702	.003796
14	.000000	-.000242	.000000	-.001577	-.001784	.014909	.000874	-.000220
15	.000000	.000000	.000000	.000000	.000000	.017899	.113744	.009950
16	.000000	-.000067	.000000	-.001627	-.002352	.011766	.015006	.000853
17	.009088	.005552	.000000	.005629	.007700	.123757	.033353	.010719
18	.000030	.000527	.000000	.045754	.143665	.129834	.067820	.043380
19	.006783	.011193	.000000	.031294	.055531	.122536	.062842	.028151
20	.000000	.012217	.000000	.053381	.057309	.020121	.045205	.026883
21	.000000	.001505	.000000	.027400	.027513	.025056	.105808	.018399
22	.000000	.002867	.000000	.005491	.003762	.021148	.019007	.004715
23	.014239	.011098	.000000	.005405	.003950	.035690	.034013	.010794
24	.000000	.000000	.000000	.768568	.606753	.000000	.000000	.196025
25	.000128	.026817	.026189	.000000	.000000	.000000	.000792	.014905
26	.000600	.152371	.000000	.044811	.075252	.075644	.062071	.102265
27	.000000	.132784	.000000	.000000	.000000	.000000	.001648	.063173
28	.000000	.000000	.000000	.000000	.000000	.000000	.001099	.000092
29	.004677	.068042	.000000	.002756	.005442	.010680	.142181	.046050
30	.000021	.005723	.000000	.000000	.000000	.000000	.001035	.002804
31	.000000	.007244	.548312	.000000	.000000	.000000	.000000	.047470
32	.010330	.093923	.425499	.000000	.000000	.000000	.000177	.079189
33	.701029	.156694	.000000	.000000	.000000	.000000	.007205	.102090
34	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
35	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
36	.000900	.005218	.000000	.000810	.000346	.011355	.029580	.005395

Note: For final demand items, refer to Table 2.

10-2 Final demand converters, 1975

COMPOSITION RATIO OF FINAL DEMAND

*** RI01975 (89/02/02)

DATE : 2/ 2/1989 PAGE = 9

	1	2	3	4	5	6	7	8
1	.009854	-.034224	.000000	.000000	.002961	.713598	.002646	.020062
2	.000000	.000073	.000000	.000000	.000000	-.540444	.000636	-.001370
3	.064950	-.156361	.000000	.000000	.000000	.015546	.010077	.080730
4	.020693	-.047959	.000000	.000999	.002071	.247527	.041228	.029907
5	.001484	.000947	.000000	.000305	.000622	-.098590	.001742	.000584
6	.019178	-.003461	.000000	.006504	.008782	.066250	.000677	.004947
7	.002435	.000303	.000000	.000000	.000000	-.176599	.007076	.000498
8	.005089	-.009432	.000000	.000000	.000000	.087139	.000940	.005184
9	.000000	.002214	.000000	.000000	.000000	-.001536	.002974	.001397
10	.000703	-.002937	.000000	.000000	.000000	.059944	.011885	.002875
11	.012187	-.009950	.000000	.000000	.000000	.072232	.069729	.012829
12	.007328	-.020136	.000000	.000000	.000000	.236050	.025995	.013563
13	.009150	.000973	.000000	.000000	.000000	.029141	.013561	.002323
14	.000000	-.000224	.000000	-.000836	-.001433	.116689	.003586	.000232
15	.000000	.000000	.000000	.000000	.000000	.095723	.135625	.014370
16	.000000	-.000014	.000000	.000000	-.002831	.141390	.015639	.001451
17	.012527	.004840	.000000	.004153	.008475	.037656	.028273	.007913
18	.000033	-.000348	.000000	.025502	.116833	.105658	.085943	.034361
19	.010473	.011046	.000000	.034594	.064234	-.361577	.072633	.027821
20	.000000	-.017479	.000000	.043621	.041189	-.106904	.083078	.028591
21	.000000	.001773	.000000	.012903	.011374	-.090716	.127600	.017180
22	.000000	-.003486	.000000	.005875	.005737	-.012744	.020240	.005393
23	.014557	.010821	.000000	.005455	.005974	.048485	.015366	.009244
24	.000000	.000000	.000000	.828784	.656357	.000000	.000000	.196007
25	.000066	-.026831	.031477	.000000	.000000	.000000	.000195	.015907
26	.082993	-.166212	.000000	.024235	.068341	.258274	.044789	.105916
27	.000000	-.164237	.000000	.000000	.000000	.000000	.002053	.081235
28	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
29	.004717	.054033	.000000	.002299	.005672	.057809	.125438	.041342
30	.000020	-.010571	.000000	.000000	.000000	.000000	.000781	.005297
31	.000000	-.007376	-.579477	.000000	.000000	.000000	.000000	.052392
32	.016287	-.108248	.389046	.000000	.000000	.000000	.000081	.086769
33	.701836	-.121236	.000000	.000000	.000000	.000000	.004942	.087374
34	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
35	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
36	.003443	-.002728	.000000	.005606	.005644	.000000	.044573	.007677