

APPENDICES

Appendix 1: Coding System

ROW	COLUMN	DESCRIPTION
AJ 001	AJ 001	JAPAN, INTERMEDIATE SECTOR
:	:	
AJ 107	AJ 107	
AJ 900	AJ 900	SUB-TOTAL (AJ001-AJ107)
AS 001	AS 001	SINGAPORE, INTERMEDIATE SECTOR
:	:	
AS 107	AS 107	
AS 900	AS 900	SUB-TOTAL (AS001-AS107)
BF 001		INTERNATIONAL FREIGHT AND INSURANCE
CW001		REST OF THE WORLD, INTERMEDIATE SECTOR
:		
CW107		
CW900		SUB-TOTAL (CW001-CW107)
DT001		CUSTOM DUTIES AND COMMODITY TAXES
ET900	ET 900	TOTAL INTERMEDIATE INPUT OR OUTPUT
VV001		COMPENSATION OF EMPLOYEES
VV002		OPERATING SURPLUS
VV003		DEPRECIATION OF FIXED CAPITAL
VV004		NET INDIRECT TAXES
VV900		SUB-TOTAL (VV001-004)
XX600		TOTAL INPUT (ET900 + VV900)
	FJ 001	JAPAN, PRIVATE CONSUMPTION
	FJ 002	JAPAN, GOVERNMENT CONSUMPTION
	FJ 003	JAPAN, GROSS DOMESTIC FIXED CAPITAL FORMATION
	FJ 004	JAPAN, INCREASE IN STOCK
	FJ 900	SUB-TOTAL (FJ001-FJ004)
	FS 001	SINGAPORE, PRIVATE CONSUMPTION
	FS 002	SINGAPORE, GOVERNMENT CONSUMPTION
	FS 003	SINGAPORE, GROSS DOMESTIC FIXED CAPITAL FORMATION
	FS 004	SINGAPORE, INCREASE IN STOCK
	FS 900	SUB-TOTAL (FS001-FS004)
	FX 900	TOTAL FINAL DEMAND (FJ900 + FS900)
	GJ 900	JAPAN, TOTAL DEMAND (AJ900 + FJ900)
	GS 900	SINGAPORE, TOTAL DEMAND (AS900 + FS900)
	LC 001	EXPORT TO CHINA
	LE 001	EXPORT TO THE UNITED KINGDOM
	LF 001	EXPORT TO FRANCE
	LG 001	EXPORT TO WEST GERMANY
	LH 001	EXPORT TO HONG KONG
	LI 001	EXPORT TO INDONESIA
	LK 001	EXPORT TO KOREA
	LL 001	EXPORT TO EAST GERMANY
	LM 001	EXPORT TO MALAYSIA
	LN 001	EXPORT TO TAIWAN
	LP 001	EXPORT TO PHILIPPINES
	LT 001	EXPORT TO THAILAND
	LU 001	EXPORT TO USA
	LW 001	EXPORT TO THE REST OF WORLD
	LX 900	SUB-TOTAL (LC001-LW001)
	QX 001	STATISTICAL DISCREPANCY
	XX 600	TOTAL OUTPUT (ET900 + FX900 + LX900 + QX001)

Appendix 2: Converter between UIO - SIO - JIO

UIO	UIO DESCRIPTION	SIO	JIO COL	JIO ROW			
001 Livestock		001	0121 01	0121 01 1 0121 01 9			
			0121 02	0121 02 1			
			0121 03	0121 03 1			
			0121 04	0121 04 1			
			0121 05	0121 05 1			
			0121 09	0121 09 1 0121 09 9			
			0122 01	0122 01 1			
			002 Flowers		002	0116 04	0116 04 1
						0111 01	0111 01 1 0111 01 2
			003 Other agriculture		003 019	0111 02	0111 02 1 0111 02 2 0111 02 3 0111 02 4
						0111 03	0111 03 1
0112 01	0112 01 1 0112 01 2						
0112 02	0112 02 1 0112 02 2 0112 02 9						
0113 01							
0113 02	0113 00 1						
0114 01	0114 01 1 0114 01 2 0114 01 9						
0115 01	0115 01 1						
0115 02	0115 02 1 0115 02 9						
0115 09	0115 09 1 0115 09 2						
0116 01	0116 01 1						
0116 02	0116 02 1						
0116 03	0116 03 1						
0116 09	0116 09 2 0116 09 3						
0131 02	0131 02 1						
0211 01	0211 01 1						
0213 01	0213 01 1						
1129 01	1129 01 1						
1129 04	1129 04 1						
004 Meat products		007				1111 01	

UIO	UIO DESCRIPTION	SIO	JIO COL	JIO ROW
				1111 01 1
				1111 01 2
				1111 01 3
				1111 01 4
				1111 01 5
			1112 01	1112 01 1
			1112 02	1112 02 1
005	Fruit & vegetable products	010	1116 01	1116 01 1
			1116 02	1116 02 1
006	Fishing & seafood products	004	0311 01	
		005	0311 02	
		011	0311 03	
				0311 00 1
				0311 00 2
			0311 04	0311 04 1
				0312 00 1
			0312 01	
			0312 02	
			1113 01	1113 01 1
			1113 02	1113 02 1
			1113 03	1113 03 1
			1113 04	1113 04 1
			1113 09	1113 09 9
007	Grain milling & flour manufacturing	013	1114 01	
				1114 01 1
				1114 01 9
			1114 02	
				1114 02 9
				1114 02 1
008	Bread & confectionery	014	1115 02	1115 02 1
		015	1115 03	1115 03 1
		018		
009	Noodles & related products	016	1115 01	1115 01 1
010	Sugar & Condiments	017	1117 01	
		020		1117 01 1
				1117 01 9
			1117 03	1117 03 1
			1117 06	1117 06 1
011	Other processed foods	008	1112 03	1112 03 1
		009	1112 04	
		012		1112 04 1
		021		1112 04 2
		022	1113 05	1113 05 1
			1117 02	1117 02 1
			1117 04	
				1117 04 1
				1117 04 2
				1117 04 3
			1117 05	
				1117 05 1
				1117 05 2
			1117 07	1117 07 1
			1117 08	1117 08 1
			1119 01	1119 01 1
			1119 02	1119 02 1
			1119 03	1119 03 1

UIO	UIO DESCRIPTION	SIO	JIO COL	JIO ROW
			1119 09	1119 09 9
012	Animal feed	023	1131 01	1131 01 1
013	Softdrinks & ice	024	1129 02 1129 03	1129 02 1 1129 03 1
014	Alcoholic drinks	025	1121 01 1121 02 1121 03 1121 04 1121 09	1121 01 1 1121 02 1 1121 03 1 1121 04 1 1121 09 9
015	Tobacco products	026	1141 01	1141 01 1
016	Yarn	027	1511 01 1511 02 1511 03 1511 04 1511 09 2051 01 2051 02	1511 01 1 1511 02 1 1511 03 1 1511 04 1 1511 09 9 2051 01 1 2051 02 1
017	Fabrics	028 029	1512 01 1512 02 1512 03 1512 09 1513 01 1514 01	1512 01 1 1512 02 1 1512 03 1 1512 09 1 1512 09 9 1513 01 1 1514 01 1
018	Wearing apparel	030 031 033	1521 01	1521 01 1
019	Apparel accessories & textile articles	032 034	1519 01 1519 02 1519 03 1519 09 1522 01 1529 09 3919 05	1519 01 1 1519 02 1 1519 03 1 1519 09 9 1522 01 1 1529 09 9 3919 05 1
020	Footwear	035	2319 01 2319 02 2411 01	2319 01 1 2319 02 1 2411 01 1
021	Leather & products	036	2412 01 2412 02	2412 01 1 2412 02 1
022	Plywood & veneer	038	1611 02	1611 02 1
023	Logging, sawmilling & other wood products	037 039 040 041	0212 01 1611 01 1611 03 1619 09	 0212 01 1 0212 01 2 1611 01 1 1611 03 1 1619 09 1 1619 09 9
024	Wooden furniture & fixtures	042	1529 01 1711 01 1711 02	1529 01 1 1711 01 1 1711 02 1
025	Paper, paperboard & paper articles	043	1811 01 1812 01 1813 01 1813 02	1811 01 1 1812 01 1 1813 01 1 1813 02 1

UIO	UIO DESCRIPTION	SIO	JIO COL	JIO ROW
			1813 03	1813 03 1
			1829 01	1829 01 1
			1829 09	1829 09 9
026	Paper containers	044	1821 09	1821 09 9
			1821 01	1821 01 1
027	Printing & publishing	045	1911 01	1911 01 1
		046	1911 02	1911 02 1
		047	1911 03	1911 03 1
		048		
028	Industrial gases & chemicals	049	2011 01	2011 01 1
		050	2021 01	2021 01 1
				2021 01 2
				2021 01 3
				2021 01 9
			2029 01	2029 01 1
			2029 02	
				2029 02 1
				2029 02 2
				2029 02 9
			2029 03	2029 03 1
			2029 09	2029 09 9
				2032 01 1
				2032 01 2
				2032 01 3
				2032 01 5
				2032 01 6
				2032 01 9
			2032 01	
			2032 02	
				2032 02 1
				2032 02 2
				2032 02 3
				2032 02 4
				2032 02 9
				2032 01 4
			2039 02	2039 02 1
			2039 03	2039 03 1
029	Medicinal & pharmaceutical products	052	2061 01	2061 01 1
030	Cosmetics & toiletries	053	2071 02	2071 02 1
031	Soaps, detergents & polishes	054	2071 01	
				2071 01 1
				2071 01 2
032	Inks & carbon black	056	2072 02	2072 02 1
033	Paints & other chemical products	051		0116 09 1
		055	1131 02	1131 02 1
		057		2011 02 1
		060		2011 02 9
		061	2011 03	2011 03 1
			2011 02	
			2039 05	2039 05 1
			2039 09	2039 09 9
			2072 01	2072 01 1
			2074 01	2074 01 1
			2079 01	2079 01 1
			2079 02	2079 02 1

UIO	UIO DESCRIPTION	SIO	JIO COL	JIO ROW
			2079 09	2079 09 1 2079 09 9
034	Petroleum refining	058	0721 01 2031 01 2031 02 2039 01 2111 01 2121 01	0721 01 1 2031 01 1 2031 01 2 2031 01 9 2031 02 1 2031 02 2 2031 02 3 2031 02 9 2039 01 1 2111 01 1 2111 01 2 2111 01 3 2111 01 4 2111 01 5 2111 01 6 2111 01 7 2111 01 8 2111 01 9 2121 01 1 2121 01 9
035	Paving materials	059	2121 02	2121 02 1
036	Tyres & tubes	062	2311 01	2311 01 1
037	Other rubber products	063	2319 09	2319 09 9
038	Thermoplastic materials	064	2033 01 2041 02	2033 01 1 2041 02 1 2041 02 2 2041 02 4 2041 02 5 2041 02 3
039	Thermosetting & plastic products	065 066 067	2039 04 2041 01 2041 03 2041 09 2211 01	2039 04 1 2041 01 1 2041 03 1 2041 09 9 2211 01 1 2211 01 2 2211 01 3 2211 01 4 2211 01 5 2211 01 6 2211 01 7 2211 01 9
040	Pottery, china & earthenware	068	2531 01	2531 01 1 2531 01 3 2531 01 2
041	Glass & products	069	2511 01	2511 01 1

UIO	UIO DESCRIPTION	SIO	JIO COL	JIO ROW
			2519 09	2511 01 2 2519 09 1 2519 09 9
042	Fiberglass & products	070	2512 01	2512 01 1
043	Cement	071	2521 01	2521 01 1
044	Non-metallic mineral products	072 073 074	2522 01 2523 01 2599 01 2599 02 2599 03 2599 04 2599 09	2522 01 1 2523 01 1 2599 01 1 2599 02 1 2599 03 1 2599 04 1 2599 09 1 2599 09 9
045	Iron foundries, non-ferrous metals & mining	006 076 077 119	0611 01 0612 01 0621 01 0621 09 0622 01 0622 02 0629 09 0711 01 0731 01 2611 01 2611 02 2611 03 2611 04 2631 01 2631 03 2649 01 2649 09 2711 01 2711 02 2711 03 2711 04 2711 09 2722 01 2722 02 2722 03 2722 04 2722 09	0611 01 1 0612 01 1 0612 01 2 0612 01 9 0621 01 1 0621 09 9 0622 01 1 0622 02 1 0629 09 9 0711 01 1 0711 01 2 0731 01 1 2611 01 1 2611 02 1 2611 03 1 2611 04 1 2612 011P 2631 01 1 2631 01 2 2631 03 1 2631 03 2 2649 01 1 2649 09 9 2711 01 1 2711 02 1 2711 03 1 2711 04 1 2711 09 9 2712 01 1 2722 01 1 2722 02 1 2722 03 1 2722 04 1 2722 09 9
046	Metal pipes & tubes	075 081 083	2621 01	2621 01 1 2621 01 2

UIO	UIO DESCRIPTION	SIO	JIO COL	JIO ROW
				2621 01 3
				2621 01 4
				2621 01 5
				2621 01 6
			2622 01	
				2622 01 1
				2622 01 2
			2623 01	2623 01 1
			2623 02	2623 02 1
			2631 02	2631 02 1
047	Other structural metal products	079	1711 03	1711 03 1
		080	2811 01	2811 01 1
		082	2812 01	2812 01 1
048	Metal containers	084	2899 02	2899 02 1
		085		
049	Other metal products	078	2891 01	2891 01 1
		086	2899 01	2899 01 1
		087	2899 03	
		088		2899 03 1
		089		2899 03 2
				2899 03 3
			2899 09	
				2899 09 1
				2899 09 2
				2899 09 9
			3031 01	3031 01 1
			3031 02	3031 02 1
			3031 09	3031 09 9
050	Computers & accessory devices	090	3311 01	3311 01 1
			3311 02	3311 02 1
051	Office machinery & equipment	091	3111 01	3111 01 1
			3111 09	
				3111 09 1
				3111 09 2
				3111 09 9
052	Lifting & hoisting machines	092	3012 01	3012 01 1
053	Other industrial machinery & equipment	094	3011 01	3011 01 1
		095	3011 02	3011 02 1
		096	3011 03	3011 03 1
			3019 02	3019 02 1
			3019 03	3019 03 1
			3019 09	3019 09 9
			3021 01	3021 01 1
			3022 01	3022 01 1
			3023 01	3023 01 1
			3024 01	3024 01 1
			3024 02	3024 02 1
			3029 01	3029 01 1
			3029 02	3029 02 1
			3029 03	3029 03 1
			3029 09	
				3029 09 1
				3029 09 2
				3029 09 3
				3029 09 4
				3029 09 5

UIO	UIO DESCRIPTION	SIO	JIO COL	JIO ROW
			3112 01	3029 09 9
				3112 01 1
				3112 01 2
				3112 01 9
			3411 09	3411 09 9
			3919 06	3919 06 1
054	Electric motors & generators	097	3411 01	3411 01 1
				3411 01 2
			3421 05	3421 05 1
055	Switchgear/board & other communication equipment	098	3321 01	3321 01 1
		099	3321 09	3321 09 9
		104	3321 02	3321 02 1
		105	3359 09	3359 09 9
		106	3411 02	3411 02 1
			3411 03	3411 03 1
			3421 04	3421 04 1
			3421 09	3421 09 9
056	Audio & video equipment & accessories	100	3211 01	3211 01 1
		101	3211 02	3211 02 1
		102	3211 03	3211 03 1
		107	3212 01	3212 01 1
			3212 09	3212 09 9
057	Semiconductors & electronic tubes	103	3341 01	3341 01 1
				3341 01 2
			3359 01	3359 01 1
058	Electrical wires & cables	110	2721 01	2721 01 2
				2721 01 3
				2721 01 1
059	Household appliances, refrigerators & air-condition	093	3013 01	3013 01 1
		108	3019 01	3019 01 1
			3211 09	3211 09 9
060	Batteries	109	3421 02	3421 02 1
061	Lamp & lighting fixtures	111	3421 01	3421 01 1
			3421 03	3421 03 1
062	Motor vehicles	112	3511 01	3511 01 1
			3521 01	3521 01 1
063	Motor vehicle bodies & parts	113	3541 01	3541 01 1
			3541 03	3541 03 1
			3541 02	3541 02 1
064	Motor cycles & non-motorised vehicles	114	3531 01	3531 01 1
			3621 01	3621 01 1
			3621 10	3621 10 1
			3629 01	3629 01 1
			3629 09	3629 09 1
				3629 09 9
065	Building of ships, boats & oil rigs	115	3611 01	3611 01 1
		118	3611 02	3611 02 1
066	Repairing of ships & boats	116	3611 10	3611 10 1
067	Ship engines & parts	117	3611 03	3611 03 1
068	Scientific & precision equipment	120	3331 01	3331 01 1
		121	3332 01	3332 01 1

UIO	UIO DESCRIPTION	SIO	JIO COL	JIO ROW
			3622 01	3622 01 1
			3622 10	3622 10 1
			3719 01	3719 01 1
			3719 02	3719 02 1
			3719 03	3719 03 1
069	Photographic & optical goods	122	2073 01	2073 01 1
			3711 01	3711 01 1
			3711 09	3711 09 9
070	Toys & recreational goods	124	3911 01	3911 01 1
			3911 02	3911 02 1
071	Unclassified activities	123	3712 01	3712 01 1
		125	3919 01	3919 01 1
		126	3919 02	3919 02 1
		127	3919 03	3919 03 1
		128	3919 04	3919 04 1
		174	3919 09	3919 09 9
			9000 00	9000 00 0
072	Electricity	129	5111 01	
			5111 02	
			5111 03	
				5111 00 1
			5111 04	5111 04 1
073	Gas	130	5121 01	5121 01 1
074	Water	131	5122 01	5122 01 1
			5211 01	5211 01 1
			5211 02	5211 02 1
075	Building construction & repair	132	4111 01	4111 01 1
			4111 02	4111 02 1
			4112 01	4112 01 1
			4112 02	4112 02 1
			4121 01	4121 01 1
076	Other construction	133	4131 01	4131 01 1
			4131 02	4131 02 1
			4131 03	4131 03 1
			4132 01	4132 01 1
			4132 02	4132 02 1
			4132 03	4132 03 1
			4132 09	4132 09 9
077	Wholesale & retail trades	134	6111 01	6111 01 1
			6112 01	6112 01 1
078	Restaurants	135	8612 01	8612 01 1
			8612 02	8612 02 1
			8612 03	8612 03 1
079	Hotels & other lodging places	136	8613 01	8613 01 1
080	Passenger transport by land	137	7121 01	7121 01 1
			7121 02	7121 02 1
			8514 01	8514 01 1
081	Freight transport by land	138	7122 01	7122 01 1
082	Water transport	139	7141 01	7141 01 1
			7142 01	
				7142 01 1
				7142 01 2
			7143 01	7143 01 1
083	Port services	140	7179 02	7179 02 1
			7179 03	7179 03 1
084	Air transport	141	7151 01	

UIO	UIO DESCRIPTION	SIO	JIO COL	JIO ROW
				7151 01 1
				7151 01 2
				7151 01 3
				7151 01 4
			7179 04	7179 04 1
			7179 05	7179 05 1
085	Forwarding & warehousing services	142	7122 02	7122 02 1
		144	7161 01	7161 01 1
			7171 01	7171 01 1
086	Other transport services	143	7111 01	
				7111 01 1
				7111 01 2
			7112 01	7112 01 1
			7179 01	7179 01 1
			7179 09	7179 09 9
087	Communications	145	7311 01	7311 01 1
			7312 01	7312 01 1
			7312 02	7312 02 1
			7319 09	7319 09 9
088	Life insurance	146	6212 01	6212 01 1
089	General & other insurance	147	6212 02	6212 02 1
090	Financial services	148	6211 01	
		149		6211 01 2
		150		6211 01 3
				6211 01 4
				6211 01 1
091	Real estate	151	6411 01	6411 01 1
			6411 02	6411 02 1
092	Legal, accounting & data processing services	152	8512 01	8512 01 1
		153	8519 02	8519 02 1
		159		
093	Architectural & engineering services	154	8519 03	8519 03 1
		155		
094	Advertising services	157	8511 01	
				8511 01 1
				8511 01 2
095	Leasing of machinery & equipment	158	8513 01	
				8513 01 1
				8513 01 2
				8513 01 3
				8513 01 4
				8513 01 5
096	Other business & technical services	156	8512 02	8512 02 1
		160	8519 01	8519 01 1
		162	8519 04	8519 04 1
			8519 09	8519 09 9
097	Government	161	5211 03	5211 03 1
			5212 01	5212 01 1
			8111 01	8111 01 1
			8112 01	8112 01 1
			8211 01	8211 01 1
			8213 01	8213 01 1
			8213 03	8213 03 1
			8221 01	8221 01 1
			8221 02	8221 02 1
			8311 01	8311 01 1

UIO	UIO DESCRIPTION	SIO	JIO COL	JIO ROW
			8312 01	8312 01 1
			8313 01	8313 01 1
			8313 03	8313 03 1
098	Education	163	8211 02	8211 02 1
			8213 04	8213 04 1
			8221 03	8221 03 1
			8221 04	8221 04 1
			8221 05	8221 05 1
			8221 06	8221 06 1
099	Medical & health services	164	0131 01	0131 01 1
			8311 03	8311 03 1
			8312 03	8312 03 1
100	Environmental health services	165	5212 02	5212 02 1
101	Movie production & cinemas	166	8611 01	8611 01 1
			8611 02	8611 02 1
102	Broadcasting, theater & entertainment services	167	7321 01	7321 01 1
			7321 03	7321 03 1
			7321 02	7321 02 1
			8611 03	8611 03 1
			8611 07	8611 07 1
103	Other recreational services	168	8611 04	8611 04 1
			8611 05	8611 05 1
			8611 06	8611 06 1
			8611 09	8611 09 9
104	Personal & household services	169	8619 01	8619 01 1
		170	8619 02	8619 02 1
			8619 03	8619 03 1
			8619 04	8619 04 1
			8619 05	8619 05 1
			8619 06	8619 06 1
			8619 07	8619 07 1
			8619 08	8619 08 1
			8619 09	8619 09 9
105	Repairs of road transport equipment	171	8515 10	8515 10 1
106	Domestic services & non - profit bodies	172	8213 02	8213 02 1
			8311 02	8311 02 1
			8312 02	8312 02 1
			8313 02	8313 02 1
			8313 04	8313 04 1
			8313 02	8313 02 1
			8411 01	8411 01 1
			8411 02	8411 02 1
107	Ownership of dwellings	173	6421 01	6421 01 1

Appendix 3: Converter between UIO and SIO, sorted by SIO

UIO	SIO	SIO DESCRIPTION
001	001	Livestock
002	002	Orchids and other flowers
003	003	Other agriculture
006	004	Aquarium fish
006	005	Other fishing
045	006	Quarrying & mining
004	007	Meat preparations
011	008	Milk
011	009	Other dairy products
005	010	Fruit & vegetable preparations
006	011	Seafood preparations
011	012	Oils & fats
007	013	Wheat milling
008	014	Biscuits
008	015	Bread & confectionery
009	016	Noodles & related products
010	017	Sugar & sugar products
008	018	Chocolate & chocolate products
003	019	Roasted coffee
010	020	Spices
011	021	Soya bean products
011	022	Other food preparations
012	023	Other milled products & animal feed
013	024	Softdrinks
014	025	Alcoholic drinks
015	026	Tobacco products
016	027	Yarn
017	028	Woven fabrics
017	029	Knitted fabrics
018	030	Shirts
018	031	Other garments
019	032	Millinery & other wearing apparel
018	033	Tailoring & dressmaking
019	034	Textile articles
020	035	Footwear
021	036	Leather & leather products
023	037	Sawmilling & preserving of wood
022	038	Plywood & veneer
023	039	Rattan processing
023	040	Wooden products for buildings
023	041	Other wood & cork products
024	042	Wooden furniture & beddings
025	043	Paper, paperboard & paper articles
026	044	Paper containers
027	045	Newspapers
027	046	Books & magazines
027	047	Commercial & job printing
027	048	Other printing
028	049	Industrial gases
028	050	Basic industrial chemicals
033	051	Paints
029	052	Medicinal & pharmaceutical products
030	053	Toiletries
031	054	Soaps, detergents & polishes

UIO	SIO	SIO DESCRIPTION
033	055	Incense, joss sticks & matches
032	056	Inks & carbon black
033	057	Other chemical products
034	058	Petroleum refining
035	059	Bitumen & asphalt premix
033	060	Rubber processing
033	061	Processing of natural gums
036	062	Tyres & tubes
037	063	Other rubber products
038	064	Thermoplastic & other plastic materials
039	065	Plastic sheets, bags & articles
039	066	Plastic industrial supplies
039	067	Other plastic products
040	068	Pottery & earthenware products
041	069	Glass & glass products
042	070	Fiberglass & fiberglass products
043	071	Cement
044	072	Concrete products
044	073	Bricks & earth-baked products
044	074	Non-metallic mineral products
046	075	Iron & steel rolling mills
045	076	Iron foundries
045	077	Non-ferrous basic metals
049	078	Cutlery & tools
047	079	Metal furniture
047	080	Metal doors & windows
046	081	Metal pipes & tubes
047	082	Other structural metal products
046	083	Non-insulated cable products
048	084	Tin-plate cans & drums
048	085	Other metal containers
049	086	Electroplating
049	087	General hardware
049	088	Metal stampings
049	089	Other metal products
050	090	Computers
051	091	Other office machinery & equipment
052	092	Lifting & hoisting machinery
059	093	Refrigerators & air-conditioners
053	094	Oilfield & gasfield machinery
053	095	General engineering works
053	096	Other industrial machinery & equipment
054	097	Electric motors & generators
055	098	Switchgear & switchboard apparatus
055	099	Other electric industrial apparatus
056	100	Microphones, loudspeakers & amplifiers
056	101	Radio & sound recorders
056	102	Television & video sets
057	103	Semiconductors & electronic tubes
055	104	Capacitors & resistors
055	105	Printed circuit boards
055	106	Other communication equipment
056	107	Records & magnetic tapes
059	108	Household appliances
060	109	Storage & primary batteries
058	110	Electrical wires & cables

UIO	SIO	SIO DESCRIPTION
061	111	Lamp & lighting fixtures
062	112	Motor vehicles
063	113	Motor vehicle bodies & parts
064	114	Motor cycles & non-motorised vehicles
065	115	Building of ships & boats
066	116	Repairing of ships & boats
067	117	Marine engines & ship parts
065	118	Oil rigs
045	119	Metal scrap
068	120	Aircraft
068	121	Scientific & precision equipment
069	122	Photographic & optical goods
071	123	Watches & clocks
070	124	Toys & recreational goods
071	125	Jewellery
071	126	Umbrellas
071	127	Signs & displays
071	128	Other manufactures
072	129	Electricity
073	130	Gas
074	131	Water
075	132	Building construction
076	133	Other construction
077	134	Wholesale & retail trades
078	135	Restaurants
079	136	Hotels
080	137	Passenger transport by land
081	138	Freight transport by land
082	139	Water transport
083	140	Port services
084	141	Air transport
085	142	Forwarding & warehousing services
086	143	Other transport services
085	144	Crane & container services
087	145	Communications
088	146	Life insurance
089	147	General & other insurance
090	148	Banking
090	149	Finance companies
090	150	Other financial services
091	151	Real estate
092	152	Legal services
092	153	Accounting & data processing
093	154	Architectural & engineering services
093	155	Petroleum & mining consultants
096	156	Employment & labor contracting
094	157	Advertising services
095	158	Leasing of machinery & equipment
092	159	Management consultants
096	160	Other business & technical services
097	161	Producers of government services
096	162	Security services
098	163	Education
099	164	Medical & health services
100	165	Environmental health services
101	166	Cinema services

UIO	SIO	SIO DESCRIPTION
102	167	Broadcasting & entertainment services
103	168	Other recreational services
104	169	Personal & household services
104	170	Repairs of household goods
105	171	Repairs of road transport equipment
106	172	Domestic services & non - profit bodies
107	173	Ownership of dwellings
071	(2)174	Other goods & services
DT001	3177	Commodity taxes
VV001	3178	Wages & salaries
VV002	3179	Operating surplus
VV003	3180	Depreciation
VV004	3181	Indirect taxes less subsidies
	3182	Total value added
XX600	3184	Control totals
FS001	4177	Private consumption expenditure
FS002	4178	Government consumption expenditure
FS003	4179	Gross domestic fixed capital consumption
FS004	4180	Increase in stocks
LX900	4181	Exports
	4182	Total final demand
XX600	4184	Control totals

Appendix 4: Converter between UIO and JIO, sorted by JIO

UIO	JIO COL	JIO ROW	JIO DESCRIPTION
003	0111 01		Rice
003		0111 01 1	Rice
003		0111 01 2	Rice straw
003	0111 02		Wheat and barley
003		0111 02 1	Wheat (domestic)
003		0111 02 2	Wheat (imported)
003		0111 02 3	Barley (domestic)
003		0111 02 4	Barley (imported)
003	0111 03	0111 03 1	Miscellaneous cereals
003	0112 01		Potatoes and sweet potatoes
003		0112 01 1	Sweet potatoes
003		0112 01 2	Potatoes
003	0112 02		Pulses
003		0112 02 1	Soybeans (domestic)
003		0112 02 2	Soybeans (imported)
003		0112 02 9	Other pulses
003	0113 01		Vegetables (outdoor-raised)
003	0113 02		Vegetables (inside facilities)
003		0113 00 1	Vegetables
003	0114 01		Fruits
003		0114 01 1	Citrus fruits
003		0114 01 2	Apples
003		0114 01 9	Other fruits
003	0115 01	0115 01 1	Sugar crops
003	0115 02		Crops for beverages
003		0115 02 1	Coffee and cocoa beans (imported)
003		0115 02 9	Other crops for beverages
003	0115 09		Other edible crops
003		0115 09 1	Oil seeds
003		0115 09 2	Edible industrial crops
003	0116 01	0116 01 1	Crops for feed and forage
003	0116 02	0116 02 1	Leaf tobacco
003	0116 03	0116 03 1	Seeds and seedlings
002	0116 04	0116 04 1	Flowers and plants
003	0116 09		Other inedible crops
033		0116 09 1	Raw rubber(imported)
003		0116 09 2	Raw cotton(imported)
003		0116 09 3	Inedible industrial crops
001	0121 01		Dairy farming
001		0121 01 1	Raw milk
001		0121 01 9	Other dairy farming products
001	0121 02	0121 02 1	Poultry products
001	0121 03	0121 03 1	Fowls and broilers
001	0121 04	0121 04 1	Swine
001	0121 05	0121 05 1	Beef cattle
001	0121 09		Other livestock-raising
001		0121 09 1	Sheep and lamb wool
001		0121 09 9	Other livestock-raising
001	0122 01	0122 01 1	Sericulture
099	0131 01	0131 01 1	Veterinary service
003	0131 02	0131 02 1	Agricultural services (except veterinary service)
003	0211 01	0211 01 1	Silviculture
023	0212 01		Logs
023		0212 01 1	Logs (domestic)

UIO	JIO COL	JIO ROW	JIO DESCRIPTION
023		0212 01 2	Logs (imported)
003	0213 01	0213 01 1	Minor forest products
006	0311 01		Coastal water fishing
006	0311 02		Off-shore water fishing
006	0311 03		Ocean water fishing
006		0311 00 1	Marine fisheries (domestic)
006		0311 00 2	Marine fisheries (imported)
006	0311 04	0311 04 1	Marine culture
006	0312 01		Inland water fisheries
006	0312 02		Inland water culture
006		0312 00 1	Inland water fisheries, culture
045	0611 01	0611 01 1	Iron and ore mining
045	0612 01		Non-ferrous metal ores
045		0612 01 1	Copper ore
045		0612 01 2	Lead ore and zinc ore
045		0612 01 9	Other non-ferrous metal ore
045	0621 01	0621 01 1	Limestone
045	0621 09	0621 09 9	Other materials for ceramics
045	0622 01	0622 01 1	Gravel and quarry
045	0622 02	0622 02 1	Crushed stones
045	0629 09	0629 09 9	Other non-metal ores
045	0711 01		Coal mining
045		0711 01 1	Coking coal
045		0711 01 2	Coal for general use, lignite, Anthracite
034	0721 01	0721 01 1	Crude petroleum
045	0731 01	0731 01 1	Natural gas
004	1111 01		Slaughtering and meat processing
004		1111 01 1	Dressed beef
004		1111 01 2	Dressed pork
004		1111 01 3	Poultry meat
004		1111 01 4	Other dressed carcasses
004		1111 01 5	By-products of slaughtering and meat processing
004	1112 01	1112 01 1	Processed meat products
004	1112 02	1112 02 1	Canned or bottled meat products
011	1112 03	1112 03 1	Animal oil and fat
011	1112 04		Dairy farm products
011		1112 04 1	Drinking milk
011		1112 04 2	Dairy products
006	1113 01	1113 01 1	Frozen fishes and shellfishes
006	1113 02	1113 02 1	Salted, dried or smoked seafoods
006	1113 03	1113 03 1	Canned or bottled seafoods
006	1113 04	1113 04 1	Fish paste
011	1113 05	1113 05 1	Fish oil and meal
006	1113 09	1113 09 9	Other processed seafoods
007	1114 01		Grain milling
007		1114 01 1	Milled rice
007		1114 01 9	Other grain milling
007	1114 02		Flour and other grain milled products
007		1114 02 1	Wheat flour
007		1114 02 9	Other grain milled products
009	1115 01	1115 01 1	Noodles
008	1115 02	1115 02 1	Bread
008	1115 03	1115 03 1	Confectionery
005	1116 01	1116 01 1	Canned or bottled vegetables and fruits
005	1116 02	1116 02 1	Preserved agricultural foods (excl. canned vegetables/fruits)
010	1117 01		Sugar

UIO	JIO COL	JIO ROW	JIO DESCRIPTION
010		1117 01 1	Refined sugar
010		1117 01 9	Other sugar and by-products of sugar manufacturing
011	1117 02	1117 02 1	Starch
010	1117 03	1117 03 1	Dextrose, syrup and isomerized sugar
011	1117 04		Vegetable oil and waste
011		1117 04 1	Vegetable oil
011		1117 04 2	Cooking oil
011		1117 04 3	Vegetable meal
011	1117 05		Salt
011		1117 05 1	Crude salt
011		1117 05 2	Salt
010	1117 06	1117 06 1	Flavouring
011	1117 07	1117 07 1	Palm oil
011	1117 08	1117 08 1	Coconut oil
011	1119 01	1119 01 1	Prepared frozen foods
011	1119 02	1119 02 1	Retort foods
011	1119 03	1119 03 1	Daily dishes, sushi, box lunch
011	1119 09	1119 09 9	Other foods
014	1121 01	1121 01 1	Refined sake
014	1121 02	1121 02 1	Beer
014	1121 03	1121 03 1	Ethyl alcohol for liquor manufacturing
014	1121 04	1121 04 1	Whiskey and brandy
014	1121 09	1121 09 9	Other liquor
003	1129 01	1129 01 1	Tea and roasted coffee
013	1129 02	1129 02 1	Sparkling and still beverages
013	1129 03	1129 03 1	Manufactured ice
003	1129 04	1129 04 1	Coffee
012	1131 01	1131 01 1	Feeds
033	1131 02	1131 02 1	Organic fertilizers, n.e.c.
015	1141 01	1141 01 1	Tobacco
016	1511 01	1511 01 1	Raw silk
016	1511 02	1511 02 1	Cotton yarn
016	1511 03	1511 03 1	Synthetic fiber yarn
016	1511 04	1511 04 1	Woolen yarn
016	1511 09	1511 09 9	Other fiber yarns
017	1512 01	1512 01 1	Cotton and staple fibres fabrics
017	1512 02	1512 02 1	Silk and artificial silk fabrics
017	1512 03	1512 03 1	Woolen fabric
017	1512 09		Other woven fabric
017		1512 09 1	Narrow cotton fabric
017		1512 09 9	Other fabric, n.e.c.
017	1513 01	1513 01 1	Knit fabrics
017	1514 01	1514 01 1	Yarn and fabric dyeing and finishing (entrusted processing)
019	1519 01	1519 01 1	Ropes and nets
019	1519 02	1519 02 1	Carpets and floor mats
019	1519 03	1519 03 1	Fabricated textile for medical use
019	1519 09	1519 09 9	Other fabricated textile products
018	1521 01	1521 01 1	Wearing apparel
019	1522 01	1522 01 1	Other wearing apparel, accessories
024	1529 01	1529 01 1	Cotton and bedding
019	1529 09	1529 09 9	Other ready-made textile products
023	1611 01	1611 01 1	Timber
022	1611 02	1611 02 1	Plywood
023	1611 03	1611 03 1	Wooden chips
023	1619 09		Other wooden products
023		1619 09 1	Wooden products for construction

UIO	JIO COL	JIO ROW	JIO DESCRIPTION
023		1619 09 9	Other wooden products, n.e.c.
024	1711 01	1711 01 1	Wooden furniture and accessories
024	1711 02	1711 02 1	Wooden fixtures
047	1711 03	1711 03 1	Metallic furniture and accessories
025	1811 01	1811 01 1	Pulp
025	1812 01	1812 01 1	Foreign paper and Japanese paper
025	1813 01	1813 01 1	Paperboard
025	1813 02	1813 02 1	Corrugated cardboard
025	1813 03	1813 03 1	Coated paper and paper converted for construction use
026	1821 01	1821 01 1	Corrugated card board boxes
026	1821 09	1821 09 9	Other paper containers
025	1829 01	1829 01 1	Paper materials, products for medical use
025	1829 09	1829 09 9	Other pulp, paper and converted paper products
027	1911 01	1911 01 1	Newspapers
027	1911 02	1911 02 1	Printing, engraving and book binding
027	1911 03	1911 03 1	Publishing
028	2011 01	2011 01 1	Ammonia
033	2011 02		Elemental fertilizer
033		2011 02 1	Nitric fertilizers
033		2011 02 9	Other elemental fertilizer
033	2011 03	2011 03 1	Combined compound fertilizer
028	2021 01		Industrial soda chemicals
028		2021 01 1	Soda ash
028		2021 01 2	Caustic soda
028		2021 01 3	Liquid chlorine
028		2021 01 9	Other industrial soda chemical
028	2029 01	2029 01 1	Sulfuric acid
028	2029 02		Inorganic pigment
028		2029 02 1	Titanium oxide
028		2029 02 2	Carbon black
028		2029 02 9	Other inorganic pigment
028	2029 03	2029 03 1	Compressed gas and liquefied gas
028	2029 09	2029 09 9	Other industrial inorganic chemicals
034	2031 01		Petrochemical basic products
034		2031 01 1	Ethylene
034		2031 01 2	Propylene
034		2031 01 9	Other petrochemical basic products
034	2031 02		Petrochemical aromatic products (except synthetic resin)
034		2031 02 1	Pure benzol
034		2031 02 2	Pure toluole
034		2031 02 3	Xylole
034		2031 02 9	Other petrochemical aromatic products
028	2032 01		Aliphatic intermediates
028		2032 01 1	Synthetic alcohol
028		2032 01 2	Acetic acid
028		2032 01 3	Ethylene dichloride
028		2032 01 4	Acrylonitrile
028		2032 01 5	Ethylenglycol
028		2032 01 6	Acetic acid vinyl monomer
028		2032 01 9	Other Aliphatic intermediates
028	2032 02		Cyclic intermediates
028		2032 02 1	Styrene monomer
028		2032 02 2	Synthetic phenol
028		2032 02 3	Terephthalic acid (high purity)
028		2032 02 4	Capro lactam
028		2032 02 9	Other cyclic intermediates

UIO	JIO COL	JIO ROW	JIO DESCRIPTION
038	2033 01	2033 01 1	Synthetic rubber
034	2039 01	2039 01 1	Coal-tar products
028	2039 02	2039 02 1	Methane derivatives
028	2039 03	2039 03 1	Oil and fat industrial chemicals
039	2039 04	2039 04 1	Plasticizers
033	2039 05	2039 05 1	Synthetic dyes
033	2039 09	2039 09 9	Other industrial organic chemicals
039	2041 01	2041 01 1	Thermo-setting resin
038	2041 02		Thermoplastics resin
038		2041 02 1	Polyethylene (low density)
038		2041 02 2	Polyethylene (high density)
038		2041 02 3	Polystyrene
038		2041 02 4	Polypropylene
038		2041 02 5	Vinyl chloride resin
039	2041 03	2041 03 1	High functionality resin
039	2041 09	2041 09 9	Other resin
016	2051 01	2051 01 1	Rayon and acetate
016	2051 02	2051 02 1	Synthetic fiber
029	2061 01	2061 01 1	Medicaments
031	2071 01		Soap, synthetic detergents and surface active agents
031		2071 01 1	Soap and synthetic detergents
031		2071 01 2	Surface active agents
030	2071 02	2071 02 1	Cosmetics, toilet preparations and dentifrice
033	2072 01	2072 01 1	Paint varnish and lacquer
032	2072 02	2072 02 1	Printing ink
069	2073 01	2073 01 1	Photographic sensitive materials
033	2074 01	2074 01 1	Agricultural chemicals
033	2079 01	2079 01 1	Gunpowder
033	2079 02	2079 02 1	Gelatin and adhesives
033	2079 09		Other final chemical products
033		2079 09 1	Catalyzer
033		2079 09 9	Other final chemical products, n.e.c.
034	2111 01		Petroleum refinery products
034		2111 01 1	Gasoline
034		2111 01 2	Jet fuel oil
034		2111 01 3	Kerosene
034		2111 01 4	Light oil
034		2111 01 5	Heavy oil A
034		2111 01 6	Heavy oil B and C
034		2111 01 7	Naphtha
034		2111 01 8	LPG (liquified petroleum gas)
034		2111 01 9	Other petroleum refinery products
034	2121 01		Coal products
034		2121 01 1	Coke
034		2121 01 9	Other coal products
035	2121 02	2121 02 1	Paving materials
039	2211 01		Plastic products
039		2211 01 1	Plastic films and sheets
039		2211 01 2	Plastic plates, pipes and bars
039		2211 01 3	Foamed plastic products
039		2211 01 4	Industrial plastic products
039		2211 01 5	Reinforced plastic products
039		2211 01 6	Plastic containers
039		2211 01 7	Plastic tableware, kitchen ware and other household articles
039		2211 01 9	Other plastic products
036	2311 01	2311 01 1	Tyres and inner tubes

UIO	JIO COL	JIO ROW	JIO DESCRIPTION
020	2319 01	2319 01 1	Rubber footwear
020	2319 02	2319 02 1	Plastic footwear
037	2319 09	2319 09 9	Other rubber products
020	2411 01	2411 01 1	Leather footwear
021	2412 01	2412 01 1	Leather and fur products (except wearing apparel)
021	2412 02	2412 02 1	Miscellaneous leather products
041	2511 01		Sheet glass and safety glass
041		2511 01 1	Sheet glass
041		2511 01 2	Safety glass and multilayered glass
042	2512 01	2512 01 1	Glass fibre and glass products, n.e.c.
041	2519 09		Other glass and glass products
041		2519 09 1	Glass processing materials
041		2519 09 9	Other glass and glass products, n.e.c.
043	2521 01	2521 01 1	Cement
044	2522 01	2522 01 1	Ready mixed concrete
044	2523 01	2523 01 1	Cement products
040	2531 01		Pottery, china and earthenware
040		2531 01 1	Pottery, china and earthenware for construction
040		2531 01 2	Pottery, china and earthenware for industry
040		2531 01 3	Pottery, china and earthenware for home use
044	2599 01	2599 01 1	Clay refractories
044	2599 02	2599 02 1	Other structural clay products
044	2599 03	2599 03 1	Carbon and graphite products
044	2599 04	2599 04 1	Abrasive
044	2599 09		Miscellaneous ceramic, stone and clay products
044		2599 09 1	Asbestos products
044		2599 09 9	Ceramic, stone and clay products, n.e.c.
045	2611 01	2611 01 1	Pig iron
045	2611 02	2611 02 1	Ferro-alloy
045	2611 03	2611 03 1	Crude steel (revolving furnace)
045	2611 04	2611 04 1	Crude steel (electric furnace)
045		2612 01 1P	Iron scrap
046	2621 01		Hot rolled steel
046		2621 01 1	Section steel (ordinary steel)
046		2621 01 2	Steel plate (ordinary steel)
046		2621 01 3	Steel strip (ordinary steel)
046		2621 01 4	Steel bar (ordinary steel)
046		2621 01 5	Other hot rolled steel (ordinary steel)
046		2621 01 6	Hot rolled steel (special steel)
046	2622 01		Steel pipes and tubes
046		2622 01 1	Steel pipes and tubes (ordinary steel)
046		2622 01 2	Steel pipes and tubes (special steel)
046	2623 01	2623 01 1	Cold-finished steel
046	2623 02	2623 02 1	Coated steel
045	2631 01		Cast and forged steel
045		2631 01 1	Forged steel
045		2631 01 2	Cast steel
046	2631 02	2631 02 1	Cast iron pipes and tubes
045	2631 03		Cast and forged materials (iron)
045		2631 03 1	Cast materials (iron)
045		2631 03 2	Forged materials (iron)
045	2649 01	2649 01 1	Iron and steel shearing and slitting
045	2649 09	2649 09 9	Other steel products
045	2711 01	2711 01 1	Copper
045	2711 02	2711 02 1	Lead (inc. regenerated lead)
045	2711 03	2711 03 1	Zinc (inc. regenerated zinc)

UIO	JIO COL	JIO ROW	JIO DESCRIPTION
045	2711 04	2711 04 1	Aluminium
045	2711 09	2711 09 9	Other non-ferrous metals
045		2712 01 1	Non-ferrous metal scrap
058	2721 01		Electric wires and cables
058		2721 01 1	Copper electric wires
058		2721 01 2	Aluminium electric wires
058		2721 01 3	Cables
045	2722 01	2722 01 1	Rolled and drawn copper and copper alloys
045	2722 02	2722 02 1	Rolled aluminium products
045	2722 03	2722 03 1	Non-ferrous metal castings and forgings
045	2722 04	2722 04 1	Nuclear fuels
045	2722 09	2722 09 9	Other non-ferrous metal products
047	2811 01	2811 01 1	Metal products for construction
047	2812 01	2812 01 1	Metal products for architecture
049	2891 01	2891 01 1	Gas and oil appliances and heating and cooking apparatus
049	2899 01	2899 01 1	Bolts, nuts, rivets and springs
048	2899 02	2899 02 1	Metal containers, fabricated plate and sheet metal
049	2899 03		Plumber's supplies, powder metallurgy products and tools
049		2899 03 1	Plumber's supplies
049		2899 03 2	Powder metallurgy products
049		2899 03 3	Cutlery and tools
049	2899 09		Other metal products
049		2899 09 1	Stamped and pressed products
049		2899 09 2	Fabricated wire products
049		2899 09 9	Other metal products
053	3011 01	3011 01 1	Boilers
053	3011 02	3011 02 1	Turbines
053	3011 03	3011 03 1	Engines
052	3012 01	3012 01 1	Conveyors
059	3013 01	3013 01 1	Refrigerators and air conditioning apparatus
059	3019 01	3019 01 1	Pumps and compressors
053	3019 02	3019 02 1	Sewing machines and wool knitting machinery
053	3019 03	3019 03 1	Machinists' precision tools
053	3019 09	3019 09 9	Other general industrial machinery and equipments
053	3021 01	3021 01 1	Mining, civil engineering and construction machinery
053	3022 01	3022 01 1	Chemical machinery
053	3023 01	3023 01 1	Industrial robots
053	3024 01	3024 01 1	Metal machine tools
053	3024 02	3024 02 1	Metal processing machinery
053	3029 01	3029 01 1	Agricultural machinery
053	3029 02	3029 02 1	Textile machinery
053	3029 03	3029 03 1	Food processing machinery
053	3029 09		Other special industrial machinery
053		3029 09 1	Wood and veneer board processing machinery
053		3029 09 2	Pulp equipments and paper machinery
053		3029 09 3	Printing, bookbinding and paperprocessing machinery
053		3029 09 4	Cast equipments
053		3029 09 5	Plastic processing machinery
053		3029 09 9	Other special industrial machinery, n.e.c.
049	3031 01	3031 01 1	Metal molds
049	3031 02	3031 02 1	Bearings
049	3031 09	3031 09 9	Other general machines and parts
051	3111 01	3111 01 1	Copy machine
051	3111 09		Other office machines
051		3111 09 1	Electronic calculator
051		3111 09 2	Word processing machine

UIO	JIO COL	JIO ROW	JIO DESCRIPTION
051		3111 09 9	Other office machines
053	3112 01		Machinery for service industry
053		3112 01 1	Vending machine
053		3112 01 2	Amusement machinery
053		3112 01 9	Other machinery for service industry
056	3211 01	3211 01 1	Electric audio equipment
056	3211 02	3211 02 1	Radio and television sets
056	3211 03	3211 03 1	VTR equipments
059	3211 09	3211 09 9	Other household electric appliances
056	3212 01	3212 01 1	Magnetic tape and flexible disc
056	3212 09	3212 09 9	Parts and accessories of other electric audio equipment
050	3311 01	3311 01 1	Electric computing equipment (main parts)
050	3311 02	3311 02 1	Electric computing equipment (accessory devices)
055	3321 01	3321 01 1	Wired communication equipment
055	3321 02	3321 02 1	Radio communication equipment
055	3321 09	3321 09 9	Other communication equipment
068	3331 01	3331 01 1	Applied electronic equipment
068	3332 01	3332 01 1	Electric measuring instruments
057	3341 01		Semi-conductor devices and integrated circuits
057		3341 01 1	Semi-conductor devices
057		3341 01 2	Integrated circuits
057	3359 01	3359 01 1	Electron tubes
055	3359 09	3359 09 9	Parts of other electronics and communication equipment
054	3411 01		Rotating electrical equipment
054		3411 01 1	Generators
054		3411 01 2	Electric motors
055	3411 02	3411 02 1	Relay switch and switchboard
055	3411 03	3411 03 1	Other electricity transmission and distribution apparatuses
053	3411 09	3411 09 9	Other industrial heavy electrical equipment
061	3421 01	3421 01 1	Electric lighting fixtures and equipment
060	3421 02	3421 02 1	Batteries
061	3421 03	3421 03 1	Electric bulbs
055	3421 04	3421 04 1	Wiring devices and supplies
054	3421 05	3421 05 1	Electrical equipment for internal combustion engines
055	3421 09	3421 09 9	Other weak electrical equipment
062	3511 01	3511 01 1	Passenger cars
062	3521 01	3521 01 1	Trucks, buses and other cars
064	3531 01	3531 01 1	Two wheel motor vehicle
063	3541 01	3541 01 1	Motor vehicle bodies
063	3541 02	3541 02 1	Internal combustion engine for motor vehicles, and its parts
063	3541 03	3541 03 1	Motor vehicle parts and accessories
065	3611 01	3611 01 1	Steel ships
065	3611 02	3611 02 1	Other ships
067	3611 03	3611 03 1	Internal combustion engine for vessel
066	3611 10	3611 10 1	Repair of ships
064	3621 01	3621 01 1	Railway cars
064	3621 10	3621 10 1	Repair of railway cars
068	3622 01	3622 01 1	Aircraft
068	3622 10	3622 10 1	Repair of aircraft
064	3629 01	3629 01 1	Bicycles
064	3629 09		Other transportation equipment
064		3629 09 1	Railroad cars for industrial use
064		3629 09 9	Other transportation equipment, n.e.c.
069	3711 01	3711 01 1	Camera
069	3711 09	3711 09 9	Other photographic and optical instruments
071	3712 01	3712 01 1	Watches and clocks

UIO	JIO COL	JIO ROW	JIO DESCRIPTION
068	3719 01	3719 01 1	Physical and chemical instruments
068	3719 02	3719 02 1	Analytical or measuring instruments, testing machines
068	3719 03	3719 03 1	Medical instruments
070	3911 01	3911 01 1	Toy
070	3911 02	3911 02 1	Sporting and athletic goods
071	3919 01	3919 01 1	Musical instruments
071	3919 02	3919 02 1	Phonograph records
071	3919 03	3919 03 1	Writing instruments and stationery
071	3919 04	3919 04 1	Small personal adornments
019	3919 05	3919 05 1	Straw mat and straw products
053	3919 06	3919 06 1	Ordnance
071	3919 09	3919 09 9	Miscellaneous manufacturing products
075	4111 01	4111 01 1	Residential construction (wooden)
075	4111 02	4111 02 1	Residential construction (non-wooden)
075	4112 01	4112 01 1	Non-residential construction (wooden)
075	4112 02	4112 02 1	Non-residential construction (non-wooden)
075	4121 01	4121 01 1	Repair of construction
076	4131 01	4131 01 1	Public utility construction of roads
076	4131 02	4131 02 1	Public utility construction of rivers, drainages and others
076	4131 03	4131 03 1	Agricultural public utility construction
076	4132 01	4132 01 1	Railway construction
076	4132 02	4132 02 1	Electric utility facilities construction
076	4132 03	4132 03 1	Telecommunication facilities construction
076	4132 09	4132 09 9	Other civil engineering and construction
072	5111 01		Electric power(atomic power)
072	5111 02		Electric power(thermal)
072	5111 03		Electric power(water power etc.)
072		5111 00 1	Electric power
072	5111 04	5111 04 1	Self-power generation
073	5121 01	5121 01 1	Gas supply
074	5122 01	5122 01 1	Steam and hot water supply
074	5211 01	5211 01 1	Water supply
074	5211 02	5211 02 1	Industrial water supply
097	5211 03	5211 03 1	Sewage disposal
097	5212 01	5212 01 1	Other sanitary services (public)
100	5212 02	5212 02 1	Other sanitary services (industrial)
077	6111 01	6111 01 1	Wholesale trade
077	6112 01	6112 01 1	Retail trade
090	6211 01		Financial service
090		6211 01 1	Financial service (imputed interest), public
090		6211 01 2	Financial service (imputed interest), private
090		6211 01 3	Financial service (commission), public
090		6211 01 4	Financial service (commission), private
088	6212 01	6212 01 1	Life insurance
089	6212 02	6212 02 1	Casualty insurance
091	6411 01	6411 01 1	Real estate agencies and managers
091	6411 02	6411 02 1	Real estate rent
107	6421 01	6421 01 1	House rent
086	7111 01		Railway passenger transport
086		7111 01 1	Railway passenger transport (JR)
086		7111 01 2	Railway passenger transport (excluding JR)
086	7112 01	7112 01 1	Railway freight transport
080	7121 01	7121 01 1	Bus transport
080	7121 02	7121 02 1	Hired car and taxi transport
081	7122 01	7122 01 1	Road freight transport
085	7122 02	7122 02 1	Railway forwarding

UIO	JIO COL	JIO ROW	JIO DESCRIPTION
-	7131 01	7131 01 1	Self-passenger transport by private motor cars
-	7132 01	7132 01 1	Self-freight transport by private motor cars
082	7141 01	7141 01 1	Ocean transport
082	7142 01		Coastal and inland water transport
082		7142 01 1	Coastal and inland water transport (passengers)
082		7142 01 2	Coastal and inland water transport (freight)
082	7143 01	7143 01 1	Transport service in harbor
084	7151 01		Air transport
084		7151 01 1	International air transport
084		7151 01 2	Domestic air transport (passengers)
084		7151 01 3	Domestic air transport (freight)
084		7151 01 4	Aircraft use business
085	7161 01	7161 01 1	Storage facility service
085	7171 01	7171 01 1	Packing
086	7179 01	7179 01 1	Road transport facility service
083	7179 02	7179 02 1	Services relating to water transport (public)
083	7179 03	7179 03 1	Services relating to water transport (industrial)
084	7179 04	7179 04 1	Services relating to air transport (public)
084	7179 05	7179 05 1	Services relating to air transport (industrial)
086	7179 09	7179 09 9	Traveling and other transport services
087	7311 01	7311 01 1	Postal service
087	7312 01	7312 01 1	Domestic telecommunication
087	7312 02	7312 02 1	International telecommunication
087	7319 09	7319 09 9	Other services relating to communication
102	7321 01	7321 01 1	Public broadcasting
102	7321 02	7321 02 1	Private broadcasting
102	7321 03	7321 03 1	Cable broadcasting
097	8111 01	8111 01 1	Public administration (central)
097	8112 01	8112 01 1	Public administration (local)
097	8211 01	8211 01 1	School education (public)
098	8211 02	8211 02 1	School education (private)
097	8213 01	8213 01 1	Social education (public)
106	8213 02	8213 02 1	Social education (private, non-profit)
097	8213 03	8213 03 1	Other education (public)
098	8213 04	8213 04 1	Other education (industrial)
097	8221 01	8221 01 1	Research institute (public, natural sciences)
097	8221 02	8221 02 1	Research institute (public, social sciences and humanities)
098	8221 03	8221 03 1	Research institute (non-profit, natural sciences)
098	8221 04	8221 04 1	Research institute (non-profit, social sciences & humanities)
098	8221 05	8221 05 1	Research institute (industrial, natural sciences)
098	8221 06	8221 06 1	Research institute (industrial, social sciences & humanities)
-	8222 01	8222 01 1	Research and development within enterprises
097	8311 01	8311 01 1	Medical service (public)
106	8311 02	8311 02 1	Medical service (private, non-profit)
099	8311 03	8311 03 1	Medical service (industrial)
097	8312 01	8312 01 1	Health and hygiene (public)
106	8312 02	8312 02 1	Health and hygiene (private, non-profit)
099	8312 03	8312 03 1	Health and hygiene (industrial)
097	8313 01	8313 01 1	Social insurance (public)
106	8313 02	8313 02 1	Social insurance (private, non-profit)
097	8313 03	8313 03 1	Social welfare (public)
106	8313 04	8313 04 1	Social welfare (private, non-profit)
106	8313 02	8313 02 1	Social insurance (private, non-profit)
106	8411 01	8411 01 1	Private non-profit organizations serving enterprises
106	8411 02	8411 02 1	Private non-profit organizations serving households, n.e.c.
094	8511 01		Advertising agencies

UIO	JIO COL	JIO ROW	JIO DESCRIPTION
094		8511 01 1	Television, radio advertisement
094		8511 01 2	Advertisement through newspapers, magazines etc.
092	8512 01	8512 01 1	Information services
096	8512 02	8512 02 1	News syndicates, and detective agencies
095	8513 01		Renting (excluding car renting)
095		8513 01 1	Industrial machinery (excl. construction machinery) renting
095		8513 01 2	Construction machinery renting
095		8513 01 3	Electronic computing equipment renting
095		8513 01 4	Office machines renting and leasing
095		8513 01 5	Renting of sports and leisure equipments, etc.
080	8514 01	8514 01 1	Car renting
105	8515 10	8515 10 1	Car repair
-	8516 10	8516 10 1	Machine repair
096	8519 01	8519 01 1	Building maintenance services
092	8519 02	8519 02 1	Judicial, financial, and accounting services
093	8519 03	8519 03 1	Civil engineering and construction services
096	8519 04	8519 04 1	Personnel supplying agency
096	8519 09	8519 09 9	Other business services
101	8611 01	8611 01 1	Motion picture production and supply
101	8611 02	8611 02 1	Movie theaters
102	8611 03	8611 03 1	Theater and entertainment facilities
103	8611 04	8611 04 1	Amusement halls
103	8611 05	8611 05 1	Race tracks for horseracing and cycle race
103	8611 06	8611 06 1	Sports ground, public park and amusement park
102	8611 07	8611 07 1	Theatrical companies
103	8611 09	8611 09 9	Other amusement and recreation services
078	8612 01	8612 01 1	General eating and drinking places (except coffee shops)
078	8612 02	8612 02 1	Coffee shops
078	8612 03	8612 03 1	Amusement eating and drinking places
079	8613 01	8613 01 1	Hotel and other lodging places
104	8619 01	8619 01 1	Cleaning, laundries and dyeing services
104	8619 02	8619 02 1	Barber shops
104	8619 03	8619 03 1	Beauty shops
104	8619 04	8619 04 1	Public baths
104	8619 05	8619 05 1	Photo studios
104	8619 06	8619 06 1	Funeral services
104	8619 07	8619 07 1	Miscellaneous repairs, n.e.c.
104	8619 08	8619 08 1	Personal teaching agency
104	8619 09	8619 09 9	Other personal services
-	8900 00	8900 00 0	Office supplies
071	9000 00	9000 00 0	Activities not elsewhere classified
-	9099 00	9099 00 0	Total of intermediate sectors
-	9110 00		Consumption expenditures outside households (column)
FJ001	9121 00		Consumption expenditures of households
FJ001	9122 00		Consumption expenditures of private non-profit institutions
FJ002	9130 10		Consumption expenditures of central government
FJ002	9130 20		Consumption expenditures of local government
FJ003	9141 00		Gross domestic fixed capital formation (government)
FJ003	9142 00		Gross domestic fixed capital formation (private)
FJ004	9150 10		Increase in finished goods of producer's stocks
FJ004	9150 20		Increase in half-finished goods and work-in-progress
FJ004	9150 30		Increase in goods of dealers' stocks
FJ004	9150 40		Increase in raw material stocks and supplies
FJ004	9150 50		Increase in unclassified stocks
LX900	9211 10		Exports (ordinary trade)

UIO	JIO COL	JIO ROW	JIO DESCRIPTION
-	9211 20		Exports (special trade)
-	9212 00		Exports (direct purchase)
VV001		9110 01 0	Lodging expenses and daily allowances
VV001		9110 02 0	Special expenses
VV001		9110 03 0	Welfare expenses
VV001		9311 00 0	Wages and salaries
VV001		9312 00 0	Contribution of employers to social insurance
VV001		9313 00 0	Other payments and allowances
VV002		9412 00 0	Operating surplus
VV003		9420 00 0	Depreciation of fixed capital
VV004		9430 00 0	Indirect taxes (excluding custom duties)
-		9430 00 0	Consumption taxes
VV004		9430 00 0	(Less) Current subsidies
XX600	9700 00	9700 00 0	Total domestic products (gross outputs)

Appendix 5: Converter between UIO 8 sectors - UIO 58 sectors - UIO 107 sectors

58 SECTORS	107 SECTORS
001 AGRICULTURE	
001 Livestock, flowers & other agricultural activities	001 Livestock 002 Flowers 003 Other agricultural activities
002 MANUFACTURING	
002 Food preparations	004 Meat products 005 Fruit & vegetable products 006 Seafood products
003 Grain milling, bread, confectionery & noodles	007 Grain milling & flour manufacturing 008 Bread & confectionery 009 Noodles & related products
004 Other processed foods	010 Condiments 011 Other processed foods
005 Animal feed	012 Animal feed
006 Liquor & softdrinks	013 Softdrinks & ice 014 Alcoholic drinks
007 Tobacco products	015 Tobacco products
008 Yarn & fabrics	016 Yarn 017 Knitted fabrics
009 Wearing apparel	018 Wearing apparel
010 Apparel accessories & textile articles	019 Apparel accessories & textile articles
011 Leather & leather products including footwear	020 Footwear 021 Leather & products
012 Logging, plywood & other wood products	022 Plywood & veneer 023 Logging, sawmilling, and other wood products
013 Wooden furniture & fixtures	024 Wooden furniture & fixtures
014 Paper & paper products	025 Paper, paperboard & paper articles 026 Paper containers
015 Printing & publishing	027 Printing & publishing
016 Industrial gases & chemicals	028 Industrial gases & chemicals
017 Medicinal & pharmaceutical products	029 Medicinal & pharmaceutical products
018 Cosmetics, toiletries & detergents	030 Cosmetics & toiletries 031 Soaps, detergents & polishes
019 Inks, paints, rubber & other chemical products	032 Inks & carbon black 033 Rubber & other chemical products
020 Petroleum refining & paving materials	034 Petroleum refining 035 Paving materials
021 Tyres & other rubber products	036 Tyres & tubes 037 Other rubber products
022 Thermoplastic materials	038 Thermoplastic materials
023 Thermosetting & plastic products	039 Thermosetting & plastic products
024 Pottery, glass, fiberglass & their products	040 Pottery china & earthenware 041 Glass & products 042 Fiberglass & products
025 Cement & non-metallic mineral products	043 Cement 044 Non-metallic mineral products
026 Iron & non-ferrous metals and their mining	045 Iron & non-ferrous metals and their mining
027 Metal fixture & structural metal products	046 Metal pipes & tubes 047 Other structural metal products
028 Metal containers & other metal products	048 Metal containers 049 Other metal products
029 Computers & accessory devices	050 Computers & accessory devices
030 Office machinery & equipment	051 Office machinery & equipment

58 SECTORS		107 SECTORS	
031 Industrial machinery & equipment		052 Lifting & hoisting machines	
		053 Other industrial machinery & equipment	
032 Telecommunication equipment & other electrical industrial apparatus		054 Electric motors & generators	
		055 Other electrical industrial apparatus	
033 Audio & video equipment & accessories		056 Audio & video equipment & accessories	
034 Semiconductors & electronic tubes		057 Semiconductors & electronic tubes	
035 Electric wires & cables, batteries & lighting fixtures		058 Electric wires & cables	
		060 Batteries	
		061 Lamp & lighting fixtures	
036 Household appliances		059 Household appliances & airconditioners	
037 Motor vehicles, motor cycles, and their parts and repairing		062 Motor vehicles	
		063 Motor vehicle bodies & parts	
		064 Motor cycles & non-motorised vehicles	
		105 Repairing of road transport equipment	
038 Building of ships, their parts and repairing		065 Building of ships, boats & oil rigs	
		066 Repairing of ships & boats	
		067 Ship engines & parts	
039 Scientific equipment & photographic goods aircraft (parts) and its repairing		068 Scientific & precision equipment	
		069 Photographic & optical goods	
040 Other activities not elsewhere classified		070 Toys & recreational goods	
		071 Unclassified activities	
003 PUBLIC UTILITY			
041 Public utility		072 Electricity	
		073 Gas	
		074 Water	
004 CONSTRUCTION & RENOVATION			
042 Construction & renovation		075 Building construction & repair	
		076 Other construction	
005 COMMERCE, TRANSPORT & COMMUNICATION			
043 Wholesale & retail trade		077 Wholesale & retail trades	
044 Restaurant & hotels		078 Restaurants	
		079 Hotels & other lodging places	
045 Land transport		080 Passenger transport by land	
		081 Freight transport by land	
046 Water transport & port services		082 Water transport	
		083 Port services	
047 Air transport		084 Air transport	
048 Other transport services		085 Forwarding & warehousing services	
		086 Other transport services	
049 Communication		087 Communications	
006 FINANCIAL & BUSINESS SERVICES			
050 Insurance		088 Life insurance	
		089 General & other insurance	
051 Financial services		090 Financial services	
052 Real estate		091 Real estate	
053 Business & technical services		092 Legal, accounting & data processing services	
		093 Architectural & engineering services	
		094 Advertising services	
		095 Leasing of machinery & equipment	
		096 Other business & technical services	
007 GOVERNMENT			
054 Government		097 Government	
008 OTHER SERVICES			
055 Education & health services		098 Education	
		099 Medical & health services	

58 SECTORS	107 SECTORS
	100 Environmental health services
056 Recreational services	101 Movie production & cinemas
	102 Broadcasing, theater & entertainment services
	103 Other recreational services
057 Personal & household services & non-profit bodies	104 Personal & household services
	106 Domestic services & non - profit bodies
058 Ownership of dwellings	107 Ownership of dwellings