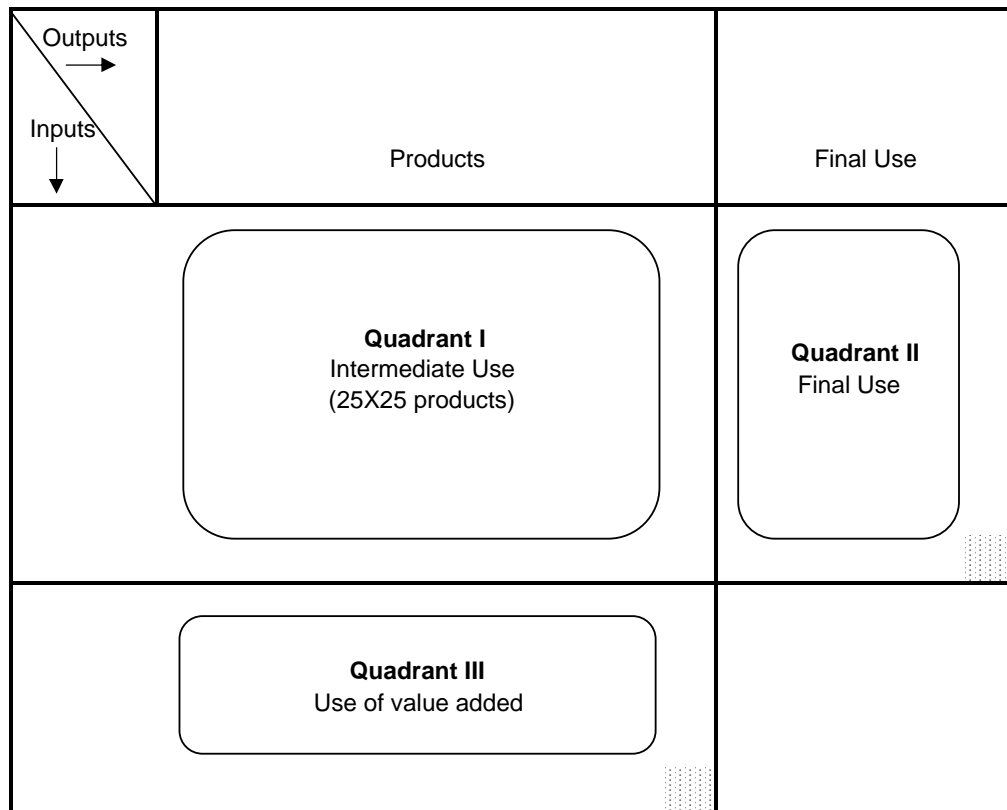


CHAPTER 9

INPUT - OUTPUT TABLE

The Mauritian Economy - 2002



Input-Output Table for the Mauritian Economy - 2002

Introduction

The Input Output (I/O) Table gives the picture of input composition and output distribution of each product. On the assumption of stable or linear technical correlation between input and output, the table serves as an effective analytical tool for the study of economic repercussion. For instance, it illustrates the ultimate effect (direct and indirect) of a unit increase in domestic demand for a certain good on product output or value added

2 Main Tables

The following three main tables have been produced namely:

Table 9.1- The product by product I/O Table

Table 9.2- The Table of Coefficients and

Table 9.3- The Inverted Matrix.

3 The Mauritian Input - Output Table (Table 9.1)

The Input-Output table contains three quadrants which describe the supply and use of products of the entire economy:

(a) The upper-left part, quadrant I represents the intermediate use and also gives the name to the table, as it is shown in the form of product-by-product. This quadrant shows how much of each product (shown in rows) is used as intermediate consumption for the manufacture of a product (shown in columns).

(b) The upper-right, quadrant II shows data on final use, that is how the total supply (imports and local production) meets final use (exports, final consumption or Gross Fixed Capital Formation). Imports is shown as negative elements by products (at c.i.f. prices and with a c.i.f./f.o.b. adjustment item to arrive at imports f.o.b.). Thus, the grand total for each row and column gives the product output.

(c) The lower-left part, quadrant III shows the use of value added namely compensation of employees, taxes on production and imports and gross operating surplus.

3.2 The Table of Coefficients (Table 9.2)

Table shows the table of input or technical coefficients derived from the input output table. It represents the inter-relationship among the different products. The cells of the coefficient table are obtained by dividing each cell of quadrants I and III of Table 9.1 by the total of the column in which the item appears.

3.3 The inverted matrix (Table 9.3)

Table 9.2, the table of technical coefficients is of limited use because it shows only the **first round effects** of a change in the output of one industry only, that is the direct effect. The inverted matrix enables the calculation of the combined direct and indirect effects.

The inverted matrix is obtained by inverting the matrix which is obtained after subtracting the matrix A from the identity matrix where the matrix A is the 26 X 26 matrix of coefficients of Quadrant I. The inverted matrix $(I-A)^{-1}$ enables the measurement of the **full impact** of any change.

4 Methodology

4.1 Concept

Data have been compiled in accordance with the concepts and definitions recommended in the United Nations Manual : A System of National Accounts SNA 1993. The classification by products is based on the Central Product Classification Ver. 1.0.

4.3 Valuation

All inputs are valued at purchasers' prices and outputs at basic prices.

5 Data sources

5.1 2002 Census of Economic Activities

Detailed data required for the construction of the 2002 I/O table were collected through the 2002 Census of Economic Activities.

5.2 2001/2002 Household Budget Survey

Data from the 01/02 Household Budget Survey (HBS), adjusted for under reporting and difference in concepts, provided estimates for final consumption of Households.

5.4 Balance of Payments

The 2002 Balance of Payments prepared by the Bank of Mauritius provided details on imports and exports of services.

Table 9.1 - Input-output symmetric table, basic prices - product by product, 2002

Rs 000

Central Product Classification (CPC) Description	1	2	3	4	5	6	7	8	9
Products of agriculture, horticulture and 1 market gardening, forestry and logging products	98,452	0	402,331	0	0	475,473	0	0	0
2 Sugar Cane	0	0	0	0	0	0	5,497,900	0	0
3 Live animals and animal products	23,063	0	12,947	0	0	683,879	0	0	0
4 Fish and other fishing products	0	0	0	0	0	2,880	0	0	0
5 Ores and Minerals	0	6,721	2,243	0	0	6,243	7,083	0	0
6 Meat, fish, fruit, vegetables, oils and fats, grain mill products, starches and starch products and beverages	0	0	19,810	0	0	1,554,937	0	0	0
7 Sugar	0	0	0	0	0	204,021	0	0	0
8 Yarn and thread;woven and tufted textile fabrics	0	0	0	0	0	0	0	715,063	3,767,522
9 Knitted or crocheted fabrics; wearing apparel	0	0	22,595	0	0	0	0	820	44,295
10 Other manufactured goods	37,265	136,875	2,720	0	0	104,049	33,861	142,468	114,730
11 Constructions and construction services	0	0	0	0	0	0	0	0	0
12 Wholesale and retail trade services	44,605	129,076	103,521	0	4,951	1,065,054	43,239	511,006	2,047,664
13 Lodging; food and beverage serving services	0	0	0	0	0	0	0	0	0
14 Land, water, air, supporting and auxilliary transport services	41,611	645,859	67,236	0	357	226,210	532,473	113,792	657,176
15 Electricity distribution services; gas and water distribution services through mains	0	0	12,857	0	4,511	214,098	0	260,941	447,550
16 Financial intermediation, insurance and auxiliary services	0	14,402	599	0	20	51,878	33,143	89,081	308,101
17 Real estate services	0	0	7,460	0	0	26,750	0	36,758	92,288
18 Telecommunications services; information retrieval and supply services	0	0	42,030	0	155	23,363	0	20,608	78,937
19 Other business services	15,077	55,399	61,076	145,859	881	207,749	330,706	167,700	633,494
20 Public administration and other services to the community as a whole; compulsory social security services	0	0	0	0	0	0	0	0	0
21 Education services	0	0	787	0	0	10,725	0	4,726	20,426
22 Health and social services	0	0	2,805	0	0	0	0	0	0
23 Sewage and refuse disposal, sanitation and other environmental protection services	0	0	0	0	0	15,414	0	17,459	35,374
24 Services of membership organizations	0	2,800	0	0	0	0	2,900	0	0
25 Recreational, cultural and sporting services	0	0	0	0	0	0	0	0	0
26 Other services	0	0	0	0	0	0	0	0	0
Direct purchases in domestic market by non-residents	0	0	0	0	0	0	0	0	0
Imports of goods and services	151,969	502,908	562,310	67,141	7,598	2,421,465	529,569	2,152,113	9,246,549
of which fuel	5,008	33,517	36,248	0	1,190	136,406	11,066	217,558	477,336
Total uses at basic prices	412,041	1,494,040	1,323,325	213,000	18,474	7,294,188	7,010,873	4,232,534	17,494,107
Taxes on products	23,158	90,260	28,575	0	5,525	586,529	44,124	199,180	541,283
Subsidies on products	-50,800	0	0	0	0	0	0	0	0
Total uses at purchaser' prices	384,400	1,584,300	1,351,900	213,000	24,000	7,880,717	7,054,997	4,431,714	18,035,390
<i>Total Gross Value Added/GDP</i>	<i>1,704,850</i>	<i>3,913,600</i>	<i>724,739</i>	<i>498,788</i>	<i>1,481,552</i>	<i>4,742,240</i>	<i>1,270,000</i>	<i>1,362,378</i>	<i>11,090,429</i>
Compensation of employees	189,000	1,617,000	390,000	118,000	900,000	1,348,639	485,000	817,487	6,268,738
Taxes less subsidies on production and imports	7,300	0	9,200	14,900	0	37,559	0	23,450	27,455
Taxes on products	0	0	0	0	0	0	0	0	0
Subsidies on products	0	0	0	0	0	0	0	0	0
Other taxes less subsidies on production	7,300	0	9,200	14,900	0	37,559	0	23,450	27,455
Gross operating surplus	1,508,550	2,296,600	325,539	365,888	581,552	3,356,043	785,000	521,442	4,794,236
Output of products at basic prices	2,089,250	5,497,900	2,076,639	711,788	1,505,551	12,622,958	8,324,997	5,794,092	29,125,819

Table 9.1 (cont'd) - Input-output symmetric table, basic prices - product by product, 2002

Rs 000

Central Product Classification Description	10	11	12	13	14	15	16	17	18
Products of agriculture, horticulture and 1 market gardening, forestry and logging products	73,926	20	7,111	445,102	105	877	0	0	0
2 Sugar Cane	0	0	0	0	0	0	0	0	0
3 Live animals and animal products	37,664	0	0	5,967	0	0	0	0	0
4 Fish and other fishing products	1,048,788	0	242	378,391	113	0	0	0	0
5 Ores and Minerals	583,824	1,367,136	684	909	0	6,109	0	0	0
6 Meat, fish, fruit, vegetables, oils and fats, grain mill products, starches and starch products and beverages	57,493	0	14,943	379,807	20,151	0	53	0	0
7 Sugar	20,377	0	145	81	0	0	0	0	0
8 Yarn and thread;woven and tufted textile fabrics	21,988	0	1,133	18,351	119	0	0	0	0
9 Knitted or crocheted fabrics; wearing apparel	12,109	8,738	1,268	862	12,919	0	0	127	0
10 Other manufactured goods	1,693,302	504,395	102,075	81,379	0	0	131,267	3,375	21,975
11 Constructions and construction services	0	0	0	0	0	0	0	270,124	0
12 Wholesale and retail trade services	1,743,622	1,190,674	147,578	372,251	892,098	235,236	41,311	4,615	38,273
13 Lodging; food and beverage serving services	0	0	0	0	67,933	0	1,874	0	0
14 Land, water, air, supporting and auxilliary transport services	437,862	554,124	889,487	461,292	1,003,655	103,509	498,686	34,110	358,353
15 Electricity distribution services; gas and water distribution services through mains	375,775	84,268	409,788	657,059	115,294	1,618,556	215,268	12,235	166,012
16 Financial intermediation, insurance and auxiliary services	230,368	121,759	642,186	423,897	495,288	23,134	6,560,128	20,792	33,872
17 Real estate services	103,054	537,287	242,197	202,451	1,030,129	10,072	101,746	7,840	53,216
18 Telecommunications services; information retrieval and supply services	91,826	102,248	231,486	91,231	397,995	3,940	248,903	16,344	315,834
19 Other business services	565,971	598,664	752,632	566,263	1,616,985	143,442	779,437	41,417	366,714
20 Public administration and other services to the community as a whole; compulsory social security services	0	0	0	0	0	0	0	0	0
21 Education services	15,245	7,785	27,666	19,105	112,738	4,605	75,954	55	9,635
22 Health and social services	0	0	0	0	0	0	0	0	0
23 Sewage and refuse disposal, sanitation and other environmental protection services	15,340	170	11,530	203,048	1,773	604	8,277	168	0
24 Services of membership organizations	0	0	0	0	0	0	621	0	0
25 Recreational, cultural and sporting services	0	0	0	0	0	0	81	0	0
26 Other services	0	0	0	0	0	0	4,885	0	0
Direct purchases in domestic market by non-residents	0	0	0	0	0	0	0	0	0
Imports of goods and services	5,188,221	4,840,765	1,568,843	1,772,783	6,006,875	1,322,909	1,501,050	620,345	639,050
of which fuel	188,422	598,259	209,279	112,971	4,271,410	1,126,838	36,867	9,039	15,868
Total uses at basic prices	12,316,755	9,918,033	5,050,994	6,080,230	11,774,171	3,472,993	10,169,542	1,031,547	2,002,935
Taxes on products	1,628,726	1,484,967	154,006	221,870	1,173,406	311,406	35,458	13,181	44,288
Subsidies on products	0	0	0	0	-44,500	0	-60,000	0	0
Total uses at purchaser' prices	13,945,482	11,403,000	5,205,000	6,302,100	12,903,077	3,784,400	10,145,000	1,044,727	2,047,223
<i>Total Gross Value Added/GDP</i>	<i>3,778,725</i>	<i>7,213,150</i>	<i>14,225,350</i>	<i>8,252,084</i>	<i>11,096,197</i>	<i>3,012,300</i>	<i>3,918,214</i>	<i>7,839,181</i>	<i>5,085,453</i>
Compensation of employees	3,636,255	3,545,000	4,418,000	2,530,000	5,214,735	648,000	2,546,000	167,623	1,224,465
Taxes less subsidies on production and imports	36,836	18,000	189,500	136,600	235,578	1,000	17,900	232,513	98,122
Taxes on products	0	0	0	0	0	0	0	0	0
Subsidies on products	0	0	0	0	0	0	0	0	0
Other taxes less subsidies on production	36,836	18,000	189,500	136,600	235,578	1,000	17,900	232,513	98,122
Gross operating surplus	105,634	3,650,150	9,617,850	5,585,484	5,645,885	2,363,300	1,354,314	7,439,046	3,762,865
Output of products at basic prices	17,724,207	18,616,150	19,430,350	14,554,184	23,999,274	6,796,700	14,063,214	8,883,909	7,132,676

Table 9.1 (cont'd) - Input-output symmetric table, basic prices - product by product, 2002

	Rs 000								
Central Product Classification Description	19	20	21	22	23	24	25	26	Total Industry
Products of agriculture, horticulture and 1 market gardening, forestry and logging products	5	0	16	84	0	0	4,274	0	1,507,776
2 Sugar Cane	0	0	0	0	0	0	0	0	5,497,900
3 Live animals and animal products	4	0	0	0	0	0	0	0	763,524
4 Fish and other fishing products	0	0	0	0	0	0	0	0	1,430,414
5 Ores and Minerals	12	0	170	0	12,890	0	284	0	1,994,308
6 Meat, fish, fruit, vegetables, oils and fats, grain mill products, starches and starch products and beverages	187	18,086	770	1,413	0	388	6,107	46	2,074,190
7 Sugar	79	0	0	0	0	0	0	0	224,704
8 Yarn and thread;woven and tufted textile fabrics	3	0	37	1,006	0	0	22	361	4,525,606
9 Knitted or crocheted fabrics; wearing apparel	488	103,181	9,890	38,473	1,690	0	0	676	258,131
10 Other manufactured goods	155,859	148,993	39,753	228,353	3,032	3,762	18,184	21,903	3,729,576
11 Constructions and construction services	0	0	0	0	0	0	0	0	270,124
12 Wholesale and retail trade services	73,129	70,902	21,115	154,794	11,599	2,127	29,904	22,015	9,000,360
13 Lodging; food and beverage serving services	0	78,680	2,726	24,269	0	1,627	664	0	177,774
14 Land, water, air, supporting and auxilliary transport services	461,298	53,225	33,459	26,879	9,464	10,410	105,579	7,590	7,333,697
15 Electricity distribution services; gas and water distribution services through mains	95,903	148,863	66,810	83,358	5,362	5,108	56,493	44,517	5,100,629
16 Financial intermediation, insurance and auxiliary services	216,551	384,295	83,204	33,695	6,590	11,811	62,519	24,849	9,872,163
17 Real estate services	78,689	101,153	31,793	13,841	5,189	5,662	30,060	10,615	2,728,250
18 Telecommunications services; information retrieval and supply services	156,669	110,761	46,006	24,422	3,105	3,373	19,158	7,674	2,036,066
19 Other business services	487,439	652,429	163,320	78,950	17,063	13,397	105,553	17,154	8,584,770
20 Public administration and other services to the community as a whole; compulsory social security services	0	0	0	0	0	0	0	0	0
21 Education services	52,121	68,682	20,307	17,922	2,647	223	7,912	446	479,712
22 Health and social services	0	0	0	890	0	0	0	0	3,695
23 Sewage and refuse disposal, sanitation and other environmental protection services	342	115,665	907	900	890	41	281	2,189	430,371
24 Services of membership organizations	0	0	0	0	0	0	0	0	6,321
25 Recreational, cultural and sporting services	0	37,443	0	0	0	0	0	0	37,525
26 Other services	0	0	0	34,295	0	0	0	0	39,180
Direct purchases in domestic market by non-residents	0	0	0	0	0	0	0	0	0
Imports of goods and services	892,043	520,276	159,102	432,554	57,590	22,823	213,865	77,569	41,478,283
of which fuel	93,464	0	2,774	5,939	19,296	3,058	8,761	13,897	7,634,471
Total uses at basic prices	2,670,821	2,612,633	679,385	1,196,097	137,111	80,754	660,861	237,604	109,585,049
Taxes on products	70,452	70,810	15,415	111,903	9,274	1,931	30,072	15,894	6,911,692
Subsidies on products	0	0	0	0	0	0	0	0	-155,300
Total uses at purchaser' prices	2,741,273	2,683,443	694,800	1,308,000	146,385	82,685	690,933	253,498	116,341,441
<i>Total Gross Value Added/GDP</i>	<i>13,116,604</i>	<i>8,139,557</i>	<i>5,553,879</i>	<i>3,685,422</i>	<i>351,280</i>	<i>155,404</i>	<i>2,489,564</i>	<i>723,956</i>	<i>125,424,899</i>
Compensation of employees	2,165,254	6,742,000	4,018,000	2,496,000	145,000	148,820	1,048,248	318,135	53,145,398
Taxes less subsidies on production and imports	38,787	0	0	0	176	661	37,836	927	1,164,300
Taxes on products	0	0	0	0	0	0	0	0	0
Subsidies on products	0	0	0	0	0	0	0	0	0
Other taxes less subsidies on production	38,787	0	0	0	176	661	37,836	927	1,164,300
Gross operating surplus	10,912,562	1,397,557	1,535,879	1,189,422	206,104	5,923	1,403,480	404,894	71,115,202
Output of products at basic prices	15,857,876	10,823,000	6,248,679	4,993,422	497,665	238,089	3,180,497	977,454	241,766,341

Table 9.1 (cont'd) - Input-output symmetric table, basic prices - product by product, 2002

Rs 000

Central Product Classification Description	Export goods	Export services	GDFCF	Final consumption General Government	Final consumption Household
Products of agriculture, horticulture and 1 market gardening, forestry and logging products	190,376	0	0	0	1,999,012
2 Sugar Cane	0	0	0	0	0
3 Live animals and animal products	320,762	0	0	0	268,070
4 Fish and other fishing products	15,175	0	0	0	534,234
5 Ores and Minerals	5,633	0	0	0	32,439
6 Meat, fish, fruit, vegetables, oils and fats, grain mill products, starches and starch products and beverages	2,545,712	0	0	0	6,848,444
7 Sugar	8,944,544	0	0	0	175,674
8 Yarn and thread;woven and tufted textile fabrics	1,291,725	0	0	0	242,958
9 Knitted or crocheted fabrics; wearing apparel	25,602,079	0	0	0	4,377,562
10 Other manufactured goods	6,320,316	0	979,544	0	2,252,237
11 Constructions and construction services	0	185,000	17,985,726	175,300	0
12 Wholesale and retail trade services	0	0	2,305,289	0	8,124,701
13 Lodging; food and beverage serving services	0	0	0	0	14,376,411
14 Land, water, air, supporting and auxilliary transport services	0	6,747,660	25,851	332,587	5,234,479
15 Electricity distribution services; gas and water distribution services through mains	0	0	0	0	1,696,071
16 Financial intermediation, insurance and auxiliary services	0	648,000	0	0	3,481,991
17 Real estate services	0	88,000	0	0	6,067,658
18 Telecommunications services; information retrieval and supply services	0	926,000	0	0	4,170,609
19 Other business services	0	5,851,000	365,550	0	1,056,556
20 Public administration and other services to the community as a whole; compulsory social security services	0	0	0	10,823,000	0
21 Education services	0	0	0	4,930,800	838,167
22 Health and social services	0	0	0	3,143,800	1,845,927
23 Sewage and refuse disposal, sanitation and other environmental protection services	0	0	0	0	67,294
24 Services of membership organizations	0	0	0	0	231,768
25 Recreational, cultural and sporting services	0	151,000	0	376,400	2,615,573
26 Other services	0	0	0	0	938,274
Direct purchases in domestic market by non-residents	0	18,328,000	0	0	-18,328,000
Imports of goods and services	8,656,679	1,483,340	6,586,230	73,113	30,139,393
of which fuel	20,666	0	0	0	2,492,296
Total uses at basic prices	53,893,000	34,408,000	28,248,189	19,855,000	79,287,503
Taxes on products	0	0	2,948,911	0	8,214,897
Subsidies on products	0	0	-122,400	0	-738,400
Total uses at purchaser' prices	53,893,000	34,408,000	31,074,700	19,855,000	86,764,000
<i>Total Gross Value Added/GDP</i>					
Compensation of employees					
Taxes less subsidies on production and imports					
Taxes on products					
Subsidies on products					
Other taxes less subsidies on production					
Gross operating surplus					
Output of products at basic prices					

Table 9.1 (cont'd) - Input-output symmetric table, basic prices - product by product, 2002

Rs 000

Central Product Classification Description	Changes in Inventories	C.I.F./F.O.B adjustment	Output of Products	Taxes on less subsidies on products	Total Economy
Products of agriculture, horticulture and 1 market gardening, forestry and logging products	-1,607,914	0	2,089,250		2,089,250
2 Sugar Cane	0	0	5,497,900		5,497,900
3 Live animals and animal products	724,283	0	2,076,639		2,076,639
4 Fish and other fishing products	-1,268,035	0	711,788		711,788
5 Ores and Minerals	-526,829	0	1,505,551		1,505,551
6 Meat, fish, fruit, vegetables, oils and fats, grain mill products, starches and starch products and beverages	1,154,612	0	12,622,958		12,622,958
7 Sugar	-1,019,925	0	8,324,997		8,324,997
8 Yarn and thread;woven and tufted textile fabrics	-266,197	0	5,794,092		5,794,092
9 Knitted or crocheted fabrics; wearing apparel	-1,111,952	0	29,125,819		29,125,819
10 Other manufactured goods	4,442,535	0	17,724,207		17,724,207
11 Constructions and construction services	0	0	18,616,150		18,616,150
12 Wholesale and retail trade services	0	0	19,430,350		19,430,350
13 Lodging; food and beverage serving services	0	0	14,554,184		14,554,184
14 Land, water, air, supporting and auxilliary transport services	0	4,325,000	23,999,274		23,999,274
15 Electricity distribution services; gas and water distribution services through mains	0	0	6,796,700		6,796,700
16 Financial intermediation, insurance and auxiliary services	0	61,061	14,063,214		14,063,214
17 Real estate services	0	0	8,883,909		8,883,909
18 Telecommunications services; information retrieval and supply services	0	0	7,132,676		7,132,676
19 Other business services	0	0	15,857,876		15,857,876
20 Public administration and other services to the community as a whole; compulsory social security services	0	0	10,823,000		10,823,000
21 Education services	0	0	6,248,679		6,248,679
22 Health and social services	0	0	4,993,422		4,993,422
23 Sewage and refuse disposal, sanitation and other environmental protection services	0	0	497,665		497,665
24 Services of membership organizations	0	0	238,089		238,089
25 Recreational, cultural and sporting services	0	0	3,180,497		3,180,497
26 Other services	0	0	977,454		977,454
Direct purchases in domestic market by non-residents	0	0	0		0
Imports of goods and services	-66,976	-4,386,061	83,964,001		83,964,001
of which fuel	-3,861,997	0	6,285,437		6,285,437
Total uses at basic prices	453,601	0	325,730,342		325,730,342
Taxes on products	0	0	18,075,500		18,075,500
Subsidies on products	0	0	-1,016,100		-1,016,100
Total uses at purchaser' prices	453,601	0	342,789,742		342,789,742
<i>Total Gross Value Added/GDP</i>				17,059,400	142,484,300
Compensation of employees					53,145,398
Taxes less subsidies on production and imports					18,223,700
Taxes on products				18,075,500	18,075,500
Subsidies on products				-1,016,100	-1,016,100
Other taxes less subsidies on production					1,164,300
Gross operating surplus					71,115,201
Output of products at basic prices					

Table 9.3 - Inverse Matrix

Central Product Classification (CPC) Description	1	2	3	4	5	6	7	8	9	10	11	12	13
1 Products of agriculture, horticulture and market gardening, forestry and logging products	1.0520	0.0002	0.2057	0.0000	0.0000	0.0580	0.0002	0.0002	0.0001	0.0056	0.0002	0.0005	0.0338
2 Sugar Cane	0.0000	1.0000	0.0001	0.0000	0.0000	0.0122	0.6604	0.0000	0.0000	0.0009	0.0000	0.0000	0.0003
3 Live animals and animal products	0.0117	0.0001	1.0092	0.0000	0.0000	0.0629	0.0001	0.0001	0.0000	0.0027	0.0001	0.0001	0.0024
4 Fish and other fishing products	0.0013	0.0017	0.0004	1.0001	0.0000	0.0010	0.0014	0.0019	0.0006	0.0655	0.0018	0.0004	0.0265
5 Ores and Minerals	0.0007	0.0022	0.0013	0.0001	1.0000	0.0012	0.0025	0.0013	0.0004	0.0366	0.0745	0.0004	0.0008
6 Meat, fish, fruit, vegetables, oils and fats, grain mill products, starches and starch products and beverages	0.0003	0.0003	0.0111	0.0000	0.0000	1.1414	0.0003	0.0003	0.0001	0.0043	0.0002	0.0010	0.0299
7 Sugar	0.0000	0.0000	0.0002	0.0000	0.0000	0.0185	1.0000	0.0000	0.0000	0.0013	0.0000	0.0000	0.0005
8 Yarn and thread; woven and tufted textile fabrics	0.0001	0.0001	0.0016	0.0000	0.0000	0.0001	0.0001	1.1409	0.1478	0.0017	0.0001	0.0001	0.0015
9 Knitted or crocheted fabrics; wearing apparel	0.0002	0.0001	0.0110	0.0000	0.0000	0.0007	0.0001	0.0002	1.0016	0.0008	0.0005	0.0001	0.0002
10 Other manufactured goods	0.0211	0.0281	0.0068	0.0024	0.0000	0.0133	0.0238	0.0327	0.0097	1.1076	0.0311	0.0072	0.0088
11 Constructions and construction services	0.0001	0.0002	0.0002	0.0000	0.0000	0.0002	0.0002	0.0003	0.0002	0.0003	1.0010	0.0005	0.0005
12 Wholesale and retail trade services	0.0264	0.0315	0.0602	0.0016	0.0035	0.1059	0.0295	0.1090	0.0879	0.1140	0.0700	1.0122	0.0349
13 Lodging; food and beverage serving services	0.0001	0.0004	0.0001	0.0000	0.0000	0.0001	0.0004	0.0001	0.0001	0.0001	0.0001	0.0002	1.0001
14 Land, water, air, supporting and auxiliary transport services	0.0247	0.1263	0.0450	0.0070	0.0005	0.0354	0.1528	0.0342	0.0343	0.0390	0.0381	0.0540	0.0423
15 Electricity distribution services; gas and water distribution services through mains	0.0018	0.0031	0.0122	0.0021	0.0041	0.0304	0.0036	0.0732	0.0331	0.0362	0.0104	0.0309	0.0638
16 Financial intermediation, insurance and auxiliary services	0.0035	0.0132	0.0079	0.0059	0.0003	0.0185	0.0208	0.0437	0.0324	0.0377	0.0203	0.0668	0.0613
17 Real estate services	0.0017	0.0063	0.0069	0.0015	0.0001	0.0060	0.0076	0.0110	0.0073	0.0103	0.0320	0.0159	0.0174
18 Telecommunications services; information retrieval and supply services	0.0013	0.0033	0.0236	0.0025	0.0002	0.0063	0.0042	0.0078	0.0062	0.0096	0.0084	0.0154	0.0098
19 Other business services	0.0123	0.0228	0.0406	0.2126	0.0009	0.0322	0.0624	0.0471	0.0363	0.0616	0.0422	0.0501	0.0574
20 Public administration and other services to the community as a whole; compulsory social security services	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21 Education services	0.0002	0.0008	0.0009	0.0008	0.0000	0.0016	0.0011	0.0018	0.0015	0.0018	0.0010	0.0023	0.0023
22 Health and social services	0.0000	0.0000	0.0014	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23 Sewage and refuse disposal, sanitation and other environmental protection services	0.0000	0.0001	0.0001	0.0000	0.0000	0.0015	0.0001	0.0036	0.0018	0.0011	0.0001	0.0007	0.0141
24 Services of membership organizations	0.0000	0.0005	0.0000	0.0000	0.0000	0.0000	0.0007	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
25 Recreational, cultural and sporting services	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
26 Other services	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Table 9.3 (Cont'd) - Inverse Matrix

Central Product Classification Description	14	15	16	17	18	19	20	21	22	23	24	25	26
1 Products of agriculture, horticulture and market gardening, forestry and logging products	0.0002	0.0002	0.0001	0.0000	0.0000	0.0001	0.0004	0.0001	0.0005	0.0001	0.0004	0.0016	0.0002
2 Sugar Cane	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
3 Live animals and animal products	0.0001	0.0000	0.0001	0.0000	0.0000	0.0000	0.0002	0.0000	0.0002	0.0000	0.0002	0.0002	0.0001
4 Fish and other fishing products	0.0002	0.0000	0.0013	0.0001	0.0003	0.0007	0.0012	0.0005	0.0032	0.0005	0.0013	0.0004	0.0015
5 Ores and Minerals	0.0002	0.0012	0.0008	0.0023	0.0002	0.0004	0.0009	0.0003	0.0017	0.0262	0.0007	0.0004	0.0010
6 Meat, fish, fruit, vegetables, oils and fats, grain mill products, starches and starch products and beverages	0.0011	0.0001	0.0002	0.0000	0.0001	0.0001	0.0022	0.0002	0.0007	0.0001	0.0022	0.0023	0.0002
7 Sugar	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0001	0.0000	0.0001	0.0000	0.0000
8 Yarn and thread; woven and tufted textile fabrics	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0015	0.0003	0.0015	0.0005	0.0000	0.0000	0.0006
9 Knitted or crocheted fabrics; wearing apparel	0.0006	0.0000	0.0001	0.0000	0.0000	0.0001	0.0096	0.0016	0.0078	0.0034	0.0001	0.0000	0.0007
10 Other manufactured goods	0.0018	0.0008	0.0211	0.0015	0.0045	0.0117	0.0172	0.0078	0.0516	0.0078	0.0196	0.0074	0.0259
11 Constructions and construction services	0.0014	0.0001	0.0006	0.0305	0.0003	0.0002	0.0003	0.0002	0.0001	0.0004	0.0008	0.0004	0.0004
12 Wholesale and retail trade services	0.0409	0.0471	0.0129	0.0030	0.0099	0.0078	0.0117	0.0055	0.0390	0.0266	0.0154	0.0132	0.0286
13 Lodging; food and beverage serving services	0.0030	0.0001	0.0005	0.0000	0.0002	0.0001	0.0073	0.0005	0.0049	0.0001	0.0070	0.0003	0.0000
14 Land, water, air, supporting and auxiliary transport services	1.0514	0.0248	0.0773	0.0057	0.0586	0.0341	0.0130	0.0088	0.0115	0.0246	0.0547	0.0393	0.0146
15 Electricity distribution services; gas and water distribution services through mains	0.0104	1.3147	0.0416	0.0024	0.0336	0.0100	0.0225	0.0157	0.0263	0.0168	0.0332	0.0257	0.0631
16 Financial intermediation, insurance and auxiliary services	0.0461	0.0132	1.8827	0.0054	0.0142	0.0290	0.0716	0.0270	0.0185	0.0292	0.0993	0.0408	0.0520
17 Real estate services	0.0467	0.0039	0.0183	1.0022	0.0110	0.0071	0.0115	0.0061	0.0046	0.0124	0.0279	0.0120	0.0127
18 Telecommunications services; information retrieval and supply services	0.0206	0.0024	0.0379	0.0024	1.0485	0.0121	0.0135	0.0088	0.0069	0.0084	0.0188	0.0084	0.0103
19 Other business services	0.0794	0.0332	0.1179	0.0069	0.0620	1.0376	0.0711	0.0307	0.0238	0.0414	0.0714	0.0414	0.0266
20 Public administration and other services to the community as a whole; compulsory social security services	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21 Education services	0.0056	0.0013	0.0111	0.0001	0.0020	0.0038	0.0072	1.0036	0.0040	0.0058	0.0021	0.0031	0.0010
22 Health and social services	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0002	0.0000	0.0000	0.0000	0.0000
23 Sewage and refuse disposal, sanitation and other environmental protection services	0.0002	0.0002	0.0012	0.0000	0.0000	0.0001	0.0109	0.0002	0.0004	1.0018	0.0004	0.0001	0.0023
24 Services of membership organizations	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000
25 Recreational, cultural and sporting services	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0035	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000
26 Other services	0.0000	0.0000	0.0007	0.0000	0.0000	0.0000	0.0000	0.0000	0.0069	0.0000	0.0000	0.0000	1.0000